

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.

 Find CPU

Single CPU Systems

[CPUS](#)

[High End](#)

High Mid Range

Low Mid Range

Low End

[Best Value \(On Market\)](#)

Best Value XY Scatter

Best Value (All time)

[New Desktop](#)

New Laptop

[Single Thread](#)

Systems with Multiple CPUs

Overclocked

Power Performance

CPU Mark by Socket Type

[CPU Mega List](#)

[Search Model](#)

[Compare](#) ⁰

[Common](#)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Samuel 2	79	2998	NA	NA
AMD-K6 3D	90	2997	NA	NA
VIA C3 Ezra	100	2996	NA	NA
Intel Pentium III Mobile 750MHz	103	2995	NA	NA
AMD-K6-III	108	2994	NA	NA
AMD Athlon 64 2000+	116	2993	NA	NA
Intel Pentium 4 1300MHz	119	2992	NA	NA
VIA Eden 1000MHz	123	2991	NA	NA
Intel Pentium 4 1500MHz	125	2990	NA	NA
Intel Pentium 4 1400MHz	127	2989	NA	NA
Intel Pentium 4 1.60GHz	129	2988	NA	NA
Intel Celeron 1.70GHz	130	2987	NA	NA
Intel Pentium 4 1.50GHz	131	2986	NA	NA
Intel Pentium 4 1.70GHz	132	2985	NA	NA
Intel Celeron 1.80GHz	136	2984	NA	NA
VIA C7-M 1200MHz	140	2983	NA	NA
VIA Eden 1200MHz	142	2982	NA	NA
VIA Esther 1000MHz	146	2981	NA	NA
Intel Celeron 600MHz	147	2980	NA	NA

Most
Benchmarked

 **CPU Benchmarks** ▼

 Market Share

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 600MHz	151	2978	NA	NA
Intel Pentium III Mobile 866MHz	152	2977	NA	NA
Intel Pentium 4 1700MHz	154	2976	NA	NA
VIA Eden 800MHz	155	2974	NA	NA
VIA Nehemiah	155	2975	NA	NA
Intel Pentium 4 1.90GHz	159	2973	NA	NA
Intel Pentium 4 1.80GHz	161	2972	NA	NA
Intel Pentium 4 1800MHz	162	2971	NA	NA
Intel Pentium 4 1.40GHz	164	2969	NA	NA
VIA C7-M 1000MHz	164	2970	NA	NA
Mobile Intel Celeron 1.20GHz	170	2968	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2967	1.10	\$157.81
Intel Celeron 1100MHz	174	2966	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2965	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	175	2964	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2962	NA	NA
VIA C7-M 1600MHz	178	2963	NA	NA
Mobile Intel Celeron 1.70GHz	181	2961	NA	NA
Intel Celeron 2.00GHz	182	2960	NA	NA
Intel Pentium III Mobile 800MHz	182	2959	NA	NA
Intel Celeron M ULV 800MHz	184	2958	NA	NA
Intel Pentium 4 4.00GHz	184	2956	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2957	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2954	NA	NA
Mobile Intel Celeron 1.80GHz	186	2955	NA	NA
Mobile Intel Celeron 1.50GHz	188	2952	NA	NA
Mobile Intel Celeron 1.60GHz	188	2953	NA	NA
Intel Pentium 4 2.00GHz	189	2951	NA	NA
Intel Pentium 4 1600MHz	193	2950	0.30	\$647.45*
Intel Xeon 1500MHz	193	2949	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom Z510 @ 1.10GHz	194	2948	4.33	\$45.00*
Intel Pentium 4 3.83GHz	195	2945	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
VIA Esther 1500MHz	195	2947	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2944	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2943	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2942	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2940	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2941	NA	NA
AMD G-T40R	203	2939	NA	NA
VIA C7-D 1800MHz	203	2938	NA	NA
Mobile Intel Celeron 2.00GHz	204	2937	NA	NA
Intel Celeron M 900MHz	205	2936	NA	NA
Intel Celeron M 1.00GHz	207	2935	1.60	\$129.95
Intel Celeron 2.13GHz	208	2934	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2933	NA	NA
Intel Pentium 4 2.20GHz	209	2932	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2931	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2930	NA	NA
Intel Celeron 1000MHz	213	2928	NA	NA
Intel Celeron 2.20GHz	213	2929	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2927	NA	NA
Intel Atom Z520 @ 1.33GHz	217	2924	NA	NA
Intel Celeron 2.40GHz	217	2925	NA	NA
Intel Pentium M 900MHz	217	2926	NA	NA
Intel Atom Z515 @ 1.20GHz	218	2923	NA	NA
Intel Pentium III Mobile 933MHz	218	2922	7.55	\$28.99
Intel Pentium 4 2.26GHz	221	2921	NA	NA
VIA C7-M 6300MHz	222	2920	NA	NA
Intel Celeron 2.26GHz	223	2919	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2918	NA	NA
Mobile Intel Celeron 2.20GHz	226	2917	NA	NA
Intel Celeron 2.30GHz	227	2916	NA	NA
Intel Pentium 4 2.40GHz	228	2915	NA	NA
AMD G-T44R	229	2914	NA	NA
AMD Athlon MP	230	2913	18.46	\$12.49
Mobile Intel Pentium 4 - M 1.90GHz	232	2912	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Xeon 2.00GHz</u>	233	2910	NA	NA
<u>Mobile Intel Celeron 2.40GHz</u>	236	2909	NA	NA
<u>Intel Pentium M 1200MHz</u>	237	2908	NA	NA
<u>Intel Celeron 2.60GHz</u>	238	2906	NA	NA
<u>Intel Pentium III 933S @ 933MHz</u>	238	2907	NA	NA
<u>Intel Pentium III Mobile 1200MHz</u>	240	2905	NA	NA
<u>Intel Atom Z670 @ 1.50GHz</u>	243	2904	NA	NA
<u>Intel Celeron 1200MHz</u>	244	2903	NA	NA
<u>Intel Celeron 2.10GHz</u>	244	2902	NA	NA
<u>Intel Celeron 2.53GHz</u>	245	2900	NA	NA
<u>Intel Celeron 2.70GHz</u>	245	2901	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>Intel Pentium 4 2.50GHz</u>	245	2899	NA	NA
<u>Intel Pentium III Mobile 1000MHz</u>	245	2898	NA	NA
<u>Intel Pentium III Mobile 1066MHz</u>	246	2897	NA	NA
<u>Intel Celeron 2.50GHz</u>	247	2896	NA	NA
<u>Intel Pentium 4 2.53GHz</u>	248	2895	NA	NA
<u>Intel Celeron 2.66GHz</u>	249	2894	NA	NA
<u>Mobile Intel Pentium III - M 1000MHz</u>	250	2893	NA	NA
<u>VIA Esther 1300MHz</u>	250	2892	NA	NA
<u>Intel Pentium III Mobile 1133MHz</u>	251	2891	NA	NA
<u>Intel XEON 2.20GHz</u>	252	2889	NA	NA
<u>Mobile AMD Sempron 2100+</u>	252	2890	NA	NA
<u>Intel Celeron M 443 @ 1.20GHz</u>	253	2888	NA	NA
<u>Intel Celeron 2.80GHz</u>	254	2886	NA	NA
<u>Intel Pentium 4 2.66GHz</u>	254	2887	NA	NA
<u>Mobile Intel Pentium 4 - M 2.50GHz</u>	256	2885	NA	NA
<u>AMD Athlon XP 1500+</u>	257	2884	NA	NA
<u>Intel Celeron 1066MHz</u>	259	2882	NA	NA
<u>Intel Pentium M 1100MHz</u>	259	2883	NA	NA
<u>Mobile AMD Athlon XP-M 1600+</u>	260	2881	NA	NA
<u>Intel Atom N435 @ 1.33GHz</u>	261	2880	NA	NA
<u>Mobile AMD Athlon XP-M 1500+</u>	261	2879	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile Intel Pentium 4 2.40GHz	264	2878	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2876	NA	NA
Mobile AMD Athlon 1400+	266	2875	NA	NA
AMD Athlon XP 1600+	267	2874	NA	NA
AMD Sempron 200U	267	2873	3.08	\$87.00*
Intel Atom N270 @ 1.60GHz	269	2872	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2870	NA	NA
Intel Core Solo U1300 @ 1.06GHz	270	2871	NA	NA
AMD Athlon XP 1700+	271	2869	4.43	\$61.25*
Intel Atom E660 @ 1.30GHz	271	2868	5.03	\$54.00*
VIA Nano U3500@1000MHz	272	2867	NA	NA
VIA Nano U2250@1300+MHz	274	2866	NA	NA
Intel Celeron M 1200MHz	275	2865	NA	NA
Intel Xeon 2.40GHz	276	2864	30.35	\$9.10*
Intel Core Solo U1400 @ 1.20GHz	278	2862	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2861	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2863	6.38	\$43.56*
AMD Athlon 4	279	2859	4.00	\$69.99
Mobile Intel Pentium 4 2.66GHz	279	2860	NA	NA
Mobile Intel Celeron 1333MHz	280	2858	NA	NA
AMD Athlon XP1600+	281	2855	NA	NA
Intel Atom Z530 @ 1.60GHz	281	2857	NA	NA
Mobile Intel Celeron 2.50GHz	281	2856	NA	NA
AMD Athlon XP 1500	282	2854	NA	NA
AMD Sempron 2200+	282	2853	9.42	\$29.99*
Intel Atom N280 @ 1.66GHz	282	2850	NA	NA
Intel Celeron 1133MHz	282	2851	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.10GHz	282	2852	NA	NA
Intel Atom N455 @ 1.66GHz	283	2849	NA	NA
Intel Celeron 2.93GHz	283	2848	NA	NA
Intel Celeron 3.06GHz	284	2846	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2845	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Athlon XP2100+	287	2844	NA	NA
VIA C7-D 1500MHz	287	2843	NA	NA
686 Gen	288	2839	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	2842	NA	NA
Intel Celeron 1300MHz	288	2840	NA	NA
Intel Celeron 3.20GHz	288	2838	NA	NA
Intel Pentium 4 2.60GHz	288	2841	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2837	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2835	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2836	NA	NA
Intel Celeron 1333MHz	290	2834	NA	NA
AMD Geode NX 1750	291	2833	NA	NA
Intel Pentium 4 2.93GHz	293	2832	NA	NA
AMD Athlon 1500+	294	2831	NA	NA
Mobile Intel Celeron 1200MHz	294	2830	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2829	NA	NA
Intel Atom N450 @ 1.66GHz	296	2827	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2828	NA	NA
VIA Nano L2207@1600MHz	296	2826	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2825	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2824	NA	NA
Intel Pentium M 1.20GHz	298	2823	NA	NA
AMD V105	299	2821	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2822	NA	NA
AMD Athlon XP 1800+	300	2819	5.10	\$58.95*
AMD Athlon XP 2000+	300	2820	12.01	\$24.99*
Mobile AMD Athlon XP-M 2000+	300	2818	NA	NA
Intel Atom D410 @ 1.66GHz	301	2817	0.47	\$635.99*
Intel Pentium M 1.30GHz	301	2816	NA	NA
Intel Atom N2100 @ 1.60GHz	302	2813	NA	NA
Intel Celeron 1400MHz	302	2814	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2815	NA	NA
AMD Athlon L110	303	2812	NA	NA
Intel Celeron M 1300MHz	303	2811	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Nano U2500@1200MHz	306	2809	NA	NA
Intel Atom 230 @ 1.60GHz	307	2808	NA	NA
AMD G-T52R	308	2807	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2806	NA	NA
AMD C-30	310	2805	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2804	NA	NA
AMD Athlon XP 1900+	312	2803	NA	NA
Mobile Intel Pentium 4 - M 2.60GHz	313	2802	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron 2400+	314	2801	12.10	\$26.00*
Intel Atom N475 @ 1.83GHz	314	2799	NA	NA
Mobile AMD Athlon 4	314	2800	3.62	\$86.99*
Intel Celeron D 356 @ 3.33GHz	315	2796	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2797	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2798	NA	NA
Intel Celeron M 1.30GHz	316	2795	NA	NA
AMD Sempron 2300+	318	2794	7.07	\$45.00*
AMD E-240	319	2793	NA	NA
Intel Celeron 220 @ 1.20GHz	320	2791	NA	NA
Intel Pentium M 1400MHz	320	2792	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2789	NA	NA
Intel Pentium 4 2.80GHz	322	2790	NA	NA
AMD Athlon XP 2100+	323	2787	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2788	NA	NA
AMD Athlon XP 2200+	328	2786	3.87	\$84.95*
Intel Celeron M 360 1.40GHz	328	2785	NA	NA
Intel Core Solo U1500 @ 1.33GHz	330	2784	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2783	1.58	\$209.99
Intel Atom N470 @ 1.83GHz	332	2782	NA	NA
Intel Celeron 3.33GHz	333	2780	NA	NA
Intel Celeron M 1500MHz	333	2781	NA	NA
Intel Celeron M 420 @ 1.60GHz	334	2779	NA	NA
AMD Sempron 2500+	335	2776	6.11	\$54.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M (LV) 2000+	335	2777	NA	NA
Intel Celeron D 360 @ 3.46GHz	337	2775	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2774	NA	NA
AMD Athlon MP 1700+	339	2773	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2772	NA	NA
Intel Celeron M 1.50GHz	343	2771	NA	NA
AMD Athlon XP 1700	344	2770	NA	NA
Intel Atom D425 @ 1.80GHz	345	2769	0.35	\$992.98*
Intel Pentium M 1.40GHz	345	2768	NA	NA
Intel Atom E680 @ 1.60GHz	346	2766	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2767	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2765	NA	NA
Intel Pentium 4 3.06GHz	347	2764	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2763	NA	NA
VIA Eden C1050@1.06GHz	352	2762	NA	NA
AMD Athlon XP1900+	353	2760	NA	NA
Intel Pentium 4 3.00GHz	353	2761	NA	NA
Intel Pentium M 1500MHz	354	2758	NA	NA
Mobile AMD Sempron 3200+	354	2759	NA	NA
AMD Athlon XP 2500+	355	2757	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2756	NA	NA
Mobile AMD Athlon 4 2400+	358	2755	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	359	2754	NA	NA
AMD Athlon XP 2400+	360	2753	4.01	\$89.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron M 1.60GHz	362	2752	NA	NA
AMD Athlon 2200+	363	2751	4.55	\$79.99*
Intel Pentium M 1.60GHz	364	2750	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2748	NA	NA
Mobile AMD Sempron 2800+	364	2749	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2747	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2746	NA	NA
Intel Pentium M 1.50GHz	366	2745	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Celeron M 430 @ 1.73GHz	368	2743	NA	NA
VIA C7-D 2000MHz	368	2742	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2741	NA	NA
VIA Nano L2007@1600MHz	369	2740	NA	NA
Mobile AMD Athlon 2500+	370	2739	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2738	NA	NA
AMD Athlon XP 2600+	372	2737	16.18	\$23.03*
Intel Pentium 4 3.20GHz	373	2735	NA	NA
Mobile AMD Athlon XP-M (LV) 2200+	373	2736	NA	NA
AMD Athlon 2500+	374	2731	2.04	\$183.99*
AMD Athlon 64 2600+	374	2733	NA	NA
AMD Athlon XP2400+	374	2732	NA	NA
AMD Sempron 2600+	374	2734	10.71	\$34.95
Intel Pentium M 1700MHz	376	2730	NA	NA
AMD Turion 64 Mobile MT-30	378	2728	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2729	NA	NA
AMD Sempron 3500+	379	2727	18.98	\$20.00*
AMD Athlon 64 FX-34	380	2726	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2725	NA	NA
AMD Sempron 2800+	383	2724	6.40	\$59.95
Mobile AMD Sempron 3000+	389	2723	NA	NA
AMD Athlon 2000+	390	2722	NA	NA
AMD Turion 64 Mobile ML-28	390	2721	NA	NA
Intel Celeron 723 @ 1.20GHz	390	2720	NA	NA
AMD Sempron 210U	391	2719	NA	NA
Intel Xeon 3.00GHz	391	2718	NA	NA
AMD Sempron 2100+	392	2717	NA	NA
Intel Celeron M 440 @ 1.86GHz	392	2716	NA	NA
AMD Athlon XP 2700+	393	2713	4.64	\$84.79*
Intel Celeron M 1.70GHz	393	2715	NA	NA
Intel Core Solo T1300 @ 1.66GHz	393	2714	NA	NA
Mobile AMD Sempron 2600+	394	2712	NA	NA
VIA Esther 2000MHz	394	2711	NA	NA
AMD Athlon TF-36	395	2710	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Opteron 140</u>	396	2708	0.62	\$640.00
<u>Intel Core Solo T1350 @ 1.86GHz</u>	396	2707	NA	NA
<u>Mobile AMD Athlon 64 2700+</u>	398	2706	NA	NA
<u>AMD Athlon XP 2800+</u>	400	2704	NA	NA
<u>Intel Xeon 2.80GHz</u>	400	2705	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
<u>AMD Athlon XP2200+</u>	401	2702	NA	NA
<u>AMD GX-210JA SOC</u>	401	2703	NA	NA
<u>AMD Athlon XP 3000+</u>	402	2700	5.06	\$79.70*
<u>AMD Turion 64 Mobile ML-30</u>	402	2701	NA	NA
<u>AMD Turion 64 Mobile ML-32</u>	402	2699	NA	NA
<u>AMD K7</u>	403	2697	NA	NA
<u>AMD-K7</u>	403	2698	NA	NA
<u>Intel Atom D2500 @ 1.86GHz</u>	403	2696	NA	NA
<u>Intel Celeron D 365 @ 3.60GHz</u>	404	2695	4.50	\$89.95*
<u>Intel Pentium SU2700 @ 1.30GHz</u>	405	2694	NA	NA
<u>AMD Sempron 3200+</u>	406	2692	3.10	\$131.22*
<u>Intel Pentium M 1.70GHz</u>	406	2693	NA	NA
<u>AMD Athlon 2650e</u>	407	2691	21.47	\$19.00*
<u>AMD Sempron 3000+</u>	408	2690	8.17	\$49.95
<u>Mobile AMD Sempron 3500+</u>	408	2689	NA	NA
<u>VIA Nano U3300@1200MHz</u>	409	2688	NA	NA
<u>AMD Athlon Neo MV-40</u>	410	2687	NA	NA
<u>Intel Pentium M 1.80GHz</u>	411	2686	NA	NA
<u>AMD Athlon 2100+</u>	412	2684	NA	NA
<u>Intel Pentium M 1.73GHz</u>	412	2685	NA	NA
<u>AMD Athlon TF-20</u>	413	2683	NA	NA
<u>Intel Core2 Solo U3300 @ 1.20GHz</u>	415	2682	NA	NA
<u>VIA Nano U2250 (1.6GHz Capable)</u>	415	2681	NA	NA
<u>Mobile AMD Sempron 3100+</u>	416	2680	NA	NA
<u>AMD Turion 64 Mobile MT-28</u>	419	2679	NA	NA
<u>Intel Celeron 743 @ 1.30GHz</u>	421	2678	NA	NA
<u>AMD Athlon XP 2900+</u>	424	2677	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 Mobile MT-32	426	2675	NA	NA
Mobile AMD Sempron 3600+	427	2674	NA	NA
AMD Opteron 142	428	2673	NA	NA
VIA Nano L2100@1800MHz	428	2672	NA	NA
AMD Turion 64 Mobile MT-34	429	2671	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2670	NA	NA
AMD Athlon XP 3200+	432	2669	NA	NA
AMD Athlon XP 3100+	433	2668	NA	NA
Intel T1200 @ 1.50GHz	435	2666	NA	NA
Intel Xeon 2.66GHz	435	2665	NA	NA
Mobile AMD Athlon 64 3700+	435	2667	NA	NA
AMD Athlon MP 2400+	436	2664	NA	NA
AMD Athlon 64 FX-51	437	2663	NA	NA
AMD Sempron LE-1100	437	2662	NA	NA
AMD Athlon 64 2800+	438	2661	4.38	\$99.99*
Intel Pentium M 1.86GHz	438	2660	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2659	NA	NA
Mobile AMD Athlon 64 2800+	440	2657	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2658	NA	NA
Mobile AMD Sempron 3400+	441	2656	NA	NA
AMD Athlon 2600+	444	2655	4.23	\$104.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1150	444	2654	NA	NA
AMD Turion 64 Mobile ML-37	446	2652	2.27	\$196.50*
Mobile AMD Sempron 3300+	446	2653	NA	NA
AMD Athlon 2800+	447	2650	3.20	\$139.95*
AMD Sempron SI-40	447	2651	37.27	\$12.00*
Intel Pentium M 2.10GHz	448	2648	NA	NA
Mobile AMD Athlon 64 3200+	448	2649	NA	NA
Intel Celeron M 450 @ 2.00GHz	450	2647	NA	NA
Mobile AMD Athlon 64 3000+	450	2646	NA	NA
Intel Celeron 420 @ 1.60GHz	451	2645	11.29	\$39.99*
AMD Sempron 3100+	452	2644	7.53	\$60.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Sempron 3000+	454	2643	NA	NA
Intel Pentium 4 3.46GHz	454	2643	NA	NA
AMD Sempron SI-42	456	2641	15.22	\$30.01*
Intel Celeron M 723 @ 1.20GHz	457	2640	NA	NA
VIA Nano L1900@1400MHz	457	2639	NA	NA
AMD Athlon 3200+	458	2638	7.63	\$60.00*
Intel Celeron N2805 @ 1.46GHz	460	2637	NA	NA
Intel Pentium M 2.00GHz	461	2635	NA	NA
Intel Xeon 3.20GHz	461	2636	NA	NA
AMD Athlon 2400+	462	2634	NA	NA
AMD C-50	462	2633	NA	NA
Intel Celeron M 530 @ 1.73GHz	462	2632	NA	NA
AMD Athlon 64 3000+	464	2631	7.73	\$60.00
AMD Athlon XP 2300+	464	2630	NA	NA
AMD Turion 64 Mobile MK-36	465	2629	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	465	2628	NA	NA
AMD C-60	466	2627	NA	NA
AMD G-T40E	467	2626	NA	NA
Intel Core Solo T1400 @ 1.83GHz	470	2625	NA	NA
AMD Athlon QI-46	473	2624	NA	NA
Intel Celeron 530 @ 1.73GHz	474	2623	20.62	\$22.99*
Mobile AMD Athlon XP-M (LV) 2800+	475	2622	NA	NA
AMD Opteron 248	476	2621	4.77	\$99.95
AMD Athlon II Neo K125	477	2620	NA	NA
Intel Xeon 3.40GHz	478	2618	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2619	NA	NA
Intel Celeron D 420 @ 1.60GHz	481	2617	NA	NA
AMD Sempron 3600+	483	2616	40.30	\$12.00*
AMD Sempron 3300+	484	2614	8.07	\$60.00*
AMD Turion 64 Mobile MT-37	484	2613	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2615	NA	NA
AMD Athlon 3100+	485	2612	NA	NA
Intel Pentium 4 3.80GHz	485	2610	NA	NA
Mobile AMD Sempron 3800+	485	2611	NA	NA
AMD Opteron 144	486	2608	7.48	\$65.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.73GHz	486	2607	NA	NA
Intel Celeron 430 @ 1.80GHz	487	2605	10.33	\$47.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Athlon XP-M 3200+	487	2606	NA	NA
Intel Atom E3826 @ 1.46GHz	489	2604	NA	NA
AMD Sempron LE-250	490	2603	NA	NA
Intel Xeon 3.06GHz	491	2602	NA	NA
AMD Athlon 64 3200+	492	2601	3.29	\$149.95*
Mobile AMD Athlon MP-M 2800+	496	2600	NA	NA
AMD Athlon MP 2800+	497	2599	NA	NA
Intel Pentium M 2.13GHz	499	2598	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	499	2597	NA	NA
AMD Z-60 APU	500	2596	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2595	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2594	NA	NA
AMD Athlon 2850e	506	2593	NA	NA
Intel Core Duo U2500 @ 1.20GHz	507	2592	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2591	NA	NA
Intel Pentium M 2.26GHz	509	2590	NA	NA
Intel Xeon 3.60GHz	509	2589	0.60	\$851.00*
Mobile AMD Athlon 64 3400+	511	2588	NA	NA
Mobile AMD Athlon XP-M	512	2587	NA	NA
AMD Turion 64 Mobile MK-38	513	2586	NA	NA
AMD G-T40N	516	2585	NA	NA
Intel Celeron 570 @ 2.26GHz	517	2583	NA	NA
VIA Nano L3025@1600MHz	517	2584	NA	NA
Intel Celeron 550 @ 2.00GHz	519	2582	7.99	\$64.95*
Intel Celeron 540 @ 1.86GHz	521	2581	NA	NA
AMD Turion 64 Mobile ML-40	522	2580	NA	NA
AMD Z-01	523	2579	NA	NA
Intel Atom N550 @ 1.50GHz	524	2578	6.10	\$86.00*
AMD Athlon II Neo K145	525	2576	NA	NA
Intel 2.80GHz	525	2577	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium D 805 @ 2.66GHz	529	2574	NA	NA
AMD Sempron LE-1200	531	2573	NA	NA
Intel Celeron 560 @ 2.13GHz	531	2572	6.65	\$79.95
AMD Opteron 146	532	2571	8.87	\$59.99*
AMD Sempron LE-1600	535	2570	NA	NA
AMD Turion 64 Mobile MT-40	536	2569	NA	NA
AMD Athlon 64 3500+	541	2567	4.97	\$108.95
AMD Athlon XP-M	541	2568	15.48	\$34.95*
Intel Celeron M 540 @ 1.86GHz	542	2566	NA	NA
AMD Sempron LE-1250	543	2565	5.44	\$99.95*
AMD C-60 APU	544	2563	NA	NA
Intel Celeron 440 @ 2.00GHz	544	2562	32.04	\$16.99
Intel Core Duo U2400 @ 1.06GHz	544	2564	NA	NA
AMD Athlon 64 3400+	545	2561	NA	NA
AMD Sempron 3800+	554	2560	3.62	\$152.92*
AMD Athlon LE-1600	557	2559	26.57	\$21.00*
AMD C-70 APU	558	2558	NA	NA
AMD Athlon II 160u	563	2557	18.78	\$29.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron M100	566	2556	47.17	\$12.00*
Intel Atom Z2760 @ 1.80GHz	568	2555	NA	NA
AMD Athlon XP 3400+	570	2554	NA	NA
Mobile AMD Athlon XP	572	2553	45.81	\$12.49
Intel Atom N570 @ 1.66GHz	574	2552	6.68	\$86.00*
AMD Athlon 64 2200+	575	2551	NA	NA
AMD Athlon 64 3300+	576	2550	NA	NA
Mobile AMD Athlon 64 4000+	576	2549	NA	NA
AMD Athlon LE-1620	578	2548	32.12	\$18.00*
Intel Atom E3825 @ 1.33GHz	579	2547	8.24	\$70.32*
VIA Nano L3050@1800MHz	581	2546	NA	NA
AMD Sempron M120	582	2545	NA	NA
Intel Pentium D 915 @ 2.80GHz	584	2544	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2543	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
<u>AMD Athlon 64 3800+</u>	589	2540	<u>3.28</u>	<u>\$179.95*</u>
<u>Intel Core2 Duo Q6867 @ 3.00GHz</u>	589	2541	NA	NA
<u>Intel Core2 Duo U7500 @ 1.06GHz</u>	590	2539	NA	NA
<u>AMD Turion 64 Mobile ML-44</u>	591	2538	NA	NA
<u>AMD Sempron LE-1300</u>	595	2537	<u>28.37</u>	<u>\$21.00</u>
<u>AMD Athlon 64 3700+</u>	598	2536	<u>8.67</u>	<u>\$69.00*</u>
<u>AMD Athlon 64 3600+</u>	601	2535	NA	NA
<u>AMD Opteron 148</u>	603	2534	NA	NA
<u>AMD Opteron 150</u>	604	2532	NA	NA
<u>Intel Xeon 3.80GHz</u>	604	2533	<u>0.71</u>	<u>\$851.00*</u>
<u>VIA Nano X2 U4025 @ 1.2 GHz</u>	605	2531	NA	NA
<u>AMD Athlon 64 4000+</u>	608	2530	<u>3.32</u>	<u>\$183.27*</u>
<u>AMD E-300 APU</u>	609	2529	NA	NA
<u>Intel Celeron 827E @ 1.40GHz</u>	613	2528	NA	NA
<u>AMD Turion 64 Mobile ML-42</u>	615	2527	NA	NA
<u>AMD A4-1250 APU</u>	622	2526	NA	NA
<u>AMD V120</u>	623	2525	NA	NA
<u>Intel Atom N2800 @ 1.86GHz</u>	625	2524	NA	NA
<u>AMD Athlon II 170u</u>	626	2523	<u>20.92</u>	<u>\$29.95*</u>
<u>Intel Celeron 450 @ 2.20GHz</u>	626	2522	<u>20.90</u>	<u>\$29.99*</u>
<u>AMD Athlon LE-1640</u>	629	2521	NA	NA
<u>AMD A4-1200 APU</u>	632	2519	NA	NA
<u>AMD Opteron 246</u>	632	2520	<u>31.62</u>	<u>\$19.99*</u>
<u>AMD Sempron LE-1620</u>	635	2518	NA	NA
<u>AMD E1-2100 APU</u>	642	2517	NA	NA
<u>Intel Pentium D 830 @ 3.00GHz</u>	642	2516	NA	NA
<u>AMD V140</u>	643	2515	<u>12.89</u>	<u>\$49.95*</u>
<u>Intel Core 330 @ 1.60GHz</u>	643	2514	NA	NA
<u>AMD Athlon X2 Dual Core L310</u>	645	2512	NA	NA
<u>VIA Nano L3600@2000MHz</u>	645	2513	NA	NA
<u>AMD Athlon 64 FX-53</u>	646	2511	<u>21.57</u>	<u>\$29.99*</u>
<u>AMD Opteron 250</u>	649	2510	<u>59.01</u>	<u>\$11.00*</u>
<u>AMD E1-1200 APU</u>	654	2509	NA	NA
<u>AMD Opteron 152</u>	658	2506	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D510 @ 1.66GHz	658	2508	6.78	\$97.16*
Intel Atom K510 @ 1.66GHz	658	2507	NA	NA
Intel Pentium T2060 @ 1.60GHz	663	2505	NA	NA
AMD G-T48E	667	2504	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	669	2503	NA	NA
AMD Athlon 1640B	670	2502	13.42	\$50.00*
Intel Celeron 900 @ 2.20GHz	676	2501	23.33	\$28.99
AMD V160	677	2500	NA	NA
AMD Athlon LE-1660	679	2499	NA	NA
Intel Atom D2550 @ 1.86GHz	683	2498	NA	NA
Intel Xeon MV 3.20GHz	683	2497	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2495	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2496	NA	NA
AMD E1-1500 APU	689	2494	NA	NA
Intel Celeron 925 @ 2.30GHz	689	2493	NA	NA
AMD Opteron 254	693	2491	NA	NA
Intel Core Duo T2050 @ 1.60GHz	693	2492	NA	NA
Intel Celeron G440 @ 1.60GHz	694	2490	13.90	\$49.99*
AMD Sempron 130	700	2488	28.03	\$24.99*
Intel Core2 Duo U7700 @ 1.33GHz	700	2489	NA	NA
AMD Opteron 154	703	2487	NA	NA
Intel Core Duo L2400 @ 1.66GHz	705	2486	NA	NA
Intel Pentium 5 2.66GHz	705	2484	NA	NA
Intel Pentium T2080 @ 1.73GHz	705	2485	4.41	\$159.95*
Intel Atom D525 @ 1.80GHz	706	2483	NA	NA
Intel Pentium T2130 @ 1.86GHz	706	2482	NA	NA
Intel Pentium D 940 @ 3.20GHz	709	2481	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2480	NA	NA
AMD Athlon 64 FX-59	715	2479	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	2478	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2477	NA	NA
AMD Athlon 64 FX-55	721	2476	4.01	\$179.95*
Intel Celeron U3400 @ 1.07GHz	721	2475	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Duo T2300 @ 1.66GHz	727	2473	NA	NA
AMD Athlon 64 FX-57	730	2472	NA	NA
Intel Pentium T2310 @ 1.46GHz	735	2471	NA	NA
AMD Sempron 140	739	2470	18.69	\$39.59*
Intel Pentium D 950 @ 3.40GHz	742	2469	NA	NA
AMD GX-212JC SOC	744	2468	NA	NA
AMD E-350	745	2467	NA	NA
AMD Sempron 150	747	2464	16.64	\$44.95*
AMD Turion 64 X2 Mobile TL-50	747	2466	14.95	\$49.99*
Intel Core Duo L2500 @ 1.83GHz	747	2465	NA	NA
AMD G-T56E	751	2462	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2463	NA	NA
Intel Core Duo T2250 @ 1.73GHz	755	2461	NA	NA
AMD E-350 APU	759	2459	NA	NA
AMD Sempron LE-1640	759	2460	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 252	760	2458	12.00	\$63.36*
Intel Core2 Duo L7100 @ 1.20GHz	760	2457	NA	NA
Intel Core Duo T2350 @ 1.86GHz	761	2456	NA	NA
AMD Turion 64 X2 Mobile TL-52	763	2455	NA	NA
AMD E-450 APU	765	2454	NA	NA
AMD E1-2200 APU	767	2453	NA	NA
Intel Celeron SU2300 @ 1.20GHz	771	2452	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2451	29.84	\$25.99*
AMD Athlon Neo X2 Dual Core L325	776	2450	NA	NA
AMD Athlon X2 Dual Core 3250e	778	2449	NA	NA
Intel Celeron N2810 @ 2.00GHz	788	2448	5.64	\$139.99*
AMD Athlon 64 FX-25	794	2446	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2447	49.63	\$16.00*
AMD Athlon II Neo N36L Dual-Core	795	2445	NA	NA
AMD G-T56N	796	2444	NA	NA
Intel Celeron N2806 @ 1.60GHz	799	2443	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	2442	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron U3600 @ 1.20GHz	809	2440	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2438	NA	NA
Intel Pentium D 960 @ 3.60GHz	811	2439	NA	NA
AMD Turion Neo X2 Dual Core L625	813	2437	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	813	2436	NA	NA
AMD E2-1800 APU	814	2433	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2435	NA	NA
Intel Pentium U5400 @ 1.20GHz	814	2434	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	820	2432	NA	NA
AMD E2-2000 APU	825	2429	NA	NA
Intel Core Duo T2450 @ 2.00GHz	825	2430	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	825	2431	NA	NA
Intel Pentium T2330 @ 1.60GHz	827	2428	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2427	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	833	2426	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2423	28.02	\$29.97*
AMD Athlon 64 X2 Dual Core TK-55	839	2425	14.53	\$57.74*
Intel Core2 Duo T5250 @ 1.50GHz	839	2424	NA	NA
Intel Atom D2700 @ 2.13GHz	842	2422	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2421	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2420	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2418	NA	NA
Intel Pentium T2370 @ 1.73GHz	849	2419	24.26	\$35.00*
Intel Pentium SU4100 @ 1.30GHz	853	2417	NA	NA
Intel Core2 Duo U9300 @ 1.20GHz	855	2416	NA	NA
AMD Athlon II Neo K345 Dual-Core	856	2414	NA	NA
Intel Celeron N2815 @ 1.86GHz	856	2415	NA	NA
Intel 1300 @ 1.66GHz	857	2413	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2412	6.48	\$132.56*
AMD Turion Dual-Core RM-72	860	2410	21.52	\$39.99*
Intel Celeron E1200 @ 1.60GHz	860	2411	8.60	\$99.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2807 @ 1.58GHz	861	2409	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core2 Duo U7300 @ 1.30GHz	868	2407	NA	NA
AMD E1-6010 APU	869	2406	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	870	2405	11.97	\$72.74*
Intel Pentium E2140 @ 1.60GHz	871	2404	18.83	\$46.25
AMD Athlon 64 X2 Dual-Core TK-42	877	2403	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2402	5.25	\$167.58
AMD Turion 64 X2 Mobile TL-56	891	2401	63.89	\$13.95*
AMD E1-2500 APU	895	2400	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2399	NA	NA
AMD Opteron 165	899	2398	1.63	\$550.00
Intel Celeron N3000 @ 1.04GHz	899	2397	NA	NA
AMD E1-6015 APU	900	2396	NA	NA
Intel Atom Z3735G @ 1.33GHz	906	2395	NA	NA
Intel Celeron N2808 @ 1.58GHz	907	2394	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	908	2393	NA	NA
AMD Turion Dual-Core RM-70	912	2391	36.49	\$25.00*
Intel Atom Z3736F @ 1.33GHz	912	2390	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2392	1.20	\$759.00*
Intel Core2 Duo T5450 @ 1.66GHz	913	2389	NA	NA
Intel Atom Z3735F @ 1.33GHz	914	2388	5.04	\$181.30*
Intel Atom S1260 @ 2.00GHz	916	2387	14.32	\$64.00*
AMD Athlon X2 Dual Core BE-2300	920	2386	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	922	2385	NA	NA
AMD Opteron 1210	923	2383	14.21	\$65.00
AMD Turion X2 Dual Core L510	923	2384	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	924	2382	NA	NA
AMD Athlon 64 X2 QL-60	925	2381	NA	NA
Intel Core2 Duo SU9400 @ 1.40GHz	927	2380	NA	NA
Intel T1400 @ 1.73GHz	929	2379	NA	NA
AMD Turion II Neo N40L Dual-Core	930	2378	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	933	2377	NA	NA
Intel Celeron 847 @ 1.10GHz	935	2376	2.97	\$315.00*
AMD Sempron Dual Core 2100	936	2375	24.02	\$39.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2820 @ 2.13GHz	937	2373	8.53	\$109.99
Intel Core Duo T2600 @ 2.16GHz	944	2372	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	2371	NA	NA
AMD Athlon 64 X2 QL-66	947	2368	NA	NA
AMD Turion 64 X2 Mobile TL-58	947	2370	NA	NA
Intel Pentium T2390 @ 1.86GHz	947	2369	NA	NA
AMD Sempron Dual Core 4700	948	2366	NA	NA
Intel Atom Z3735E @ 1.33GHz	948	2367	8.10	\$117.00*
Intel Celeron T1600 @ 1.66GHz	950	2365	47.54	\$19.99*
AMD Sempron 2650 APU	951	2363	14.65	\$64.95
Intel Pentium U5600 @ 1.33GHz	951	2364	NA	NA
Intel T1500 @ 1.86GHz	953	2362	NA	NA
Intel Celeron 1019Y @ 1.00GHz	954	2361	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 TK-55	955	2360	NA	NA
AMD Athlon 64 X2 3800+	958	2359	NA	NA
Intel T2050 @ 2.00GHz	959	2358	NA	NA
AMD E1 Micro-6200T APU	960	2357	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2356	NA	NA
Intel Core2 Duo L7500 @ 1.60GHz	961	2355	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	961	2354	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	962	2353	16.03	\$60.00
AMD Opteron 256	963	2351	50.72	\$19.00*
AMD Opteron 265	963	2352	13.20	\$73.00
Intel Celeron @ 1.30GHz	965	2349	NA	NA
Intel Celeron N2830 @ 2.16GHz	965	2350	NA	NA
Athlon Dual Core 4050e	968	2348	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	2347	NA	NA
AMD Opteron 1210 HE	971	2346	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2345	NA	NA
Intel Celeron J3060 @ 1.60GHz	975	2344	NA	NA
AMD Turion II Neo K625 Dual-Core	977	2342	NA	NA
Intel Pentium T2410 @ 2.00GHz	977	2343	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel 1400 @ 1.83GHz	980	2340	NA	NA
AMD Sempron Dual Core 2300	982	2339	23.39	\$41.99*
Intel Celeron N3060 @ 1.60GHz	983	2338	NA	NA
AMD Athlon 64 X2 TK-57	988	2337	NA	NA
AMD Athlon 64 X2 QL-64	989	2336	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	994	2332	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	994	2335	NA	NA
Intel Celeron P4505 @ 1.87GHz	994	2333	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	994	2334	NA	NA
AMD Sempron Dual Core 2200	995	2331	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	997	2330	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2328	NA	NA
AMD Turion 64 X2 Mobile TL-60	998	2327	62.61	\$15.95*
Intel Pentium E2160 @ 1.80GHz	998	2329	64.36	\$15.51
AMD Athlon 64 X2 Dual Core 3800+	999	2326	NA	NA
AMD Athlon Neo X2 Dual Core 6850e	1002	2325	NA	NA
AMD Turion Dual-Core RM-75	1003	2324	36.53	\$27.46*
Intel Celeron N2840 @ 2.16GHz	1003	2323	NA	NA
AMD Athlon II X2 250u	1004	2322	28.74	\$34.95*
AMD Athlon 64 X2 QL-62	1005	2321	NA	NA
AMD Athlon 64 X2 QL-67	1006	2320	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2318	NA	NA
AMD Opteron 1212	1009	2319	3.48	\$290.00*
Intel Atom Z3740D @ 1.33GHz	1011	2317	NA	NA
AMD Turion Dual-Core RM-74	1016	2316	NA	NA
AMD E1-7010 APU	1018	2313	NA	NA
Intel Atom Z3745D @ 1.33GHz	1018	2315	NA	NA
Intel Celeron J1800 @ 2.41GHz	1018	2314	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1020	2312	46.43	\$21.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 847E @ 1.10GHz	1021	2311	NA	NA
Intel Core2 Duo P7700 @ 1.80GHz	1021	2310	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1023	2309	16.51	\$62.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core Duo T2700 @ 2.33GHz	1024	2308	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2306	NA	NA
Intel Atom x5-Z8330 @ 1.44GHz	1029	2304	NA	NA
Intel Core2 Duo T5600 @ 1.83GHz	1029	2305	NA	NA
Intel Pentium T3200 @ 2.00GHz	1031	2303	85.96	\$12.00*
Intel Celeron G460 @ 1.80GHz	1035	2302	15.93	\$65.00
Intel Celeron J1750 @ 2.41GHz	1037	2301	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1039	2300	NA	NA
Intel Xeon 3.73GHz	1041	2299	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2298	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1045	2297	NA	NA
AMD Athlon 64 X2 QL-65	1050	2296	NA	NA
Intel Core2 Duo E4300 @ 1.80GHz	1051	2295	6.58	\$159.95*
Intel Celeron E1400 @ 2.00GHz	1053	2294	15.05	\$69.99
AMD Athlon II Dual-Core M340	1056	2293	NA	NA
Intel Celeron T1700 @ 1.83GHz	1058	2292	35.29	\$29.99*
AMD Turion X2 Dual Core Mobile RM-76	1059	2291	NA	NA
AMD Turion X2 Dual-Core Mobile RM-74	1062	2290	43.40	\$24.47*
Intel Pentium 2129Y @ 1.10GHz	1062	2289	7.93	\$134.00*
Intel Celeron G465 @ 1.90GHz	1064	2288	10.64	\$100.00*
Intel Atom Z3740 @ 1.33GHz	1068	2287	NA	NA
Intel Core i3-330UM @ 1.20GHz	1075	2286	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2285	35.98	\$30.00*
Intel Core i5-470UM @ 1.33GHz	1079	2284	NA	NA
AMD Sempron Dual Core 4900	1081	2283	NA	NA
Intel Core2 Duo L9300 @ 1.60GHz	1081	2282	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2281	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1084	2278	4.84	\$224.26*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2280	NA	NA
Intel Xeon 5110 @ 1.60GHz	1084	2279	30.99	\$35.00*
Celeron Dual-Core T3000 @ 1.80GHz	1085	2277	NA	NA
AMD Athlon Dual Core 4050e	1086	2276	NA	NA
Intel Pentium E2180 @ 2.00GHz	1088	2275	36.28	\$29.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-3000M APU	1092	2272	54.62	\$20.00*
AMD Turion 64 X2 Mobile TL-62	1092	2273	3.51	\$311.00*
Intel Core2 Duo T5750 @ 2.00GHz	1094	2271	109.51	\$9.99*
AMD Athlon 64 X2 Dual Core BE-230	1095	2270	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2269	8.18	\$134.00*
AMD Athlon 64 X2 Dual Core 4200+	1097	2267	5.36	\$204.95
AMD Opteron 170	1097	2268	NA	NA
AMD Athlon II X2 260u	1107	2265	13.28	\$83.44*
AMD GX-217GA SOC	1107	2266	NA	NA
AMD Athlon Dual Core 4450e	1108	2263	NA	NA
AMD Athlon64 X2 Dual Core 4600+	1108	2264	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6300 @ 1.86GHz	1108	2262	85.36	\$12.99*
AMD Athlon X2 Dual Core BE-2350	1109	2261	NA	NA
Intel Celeron 2961Y @ 1.10GHz	1110	2260	NA	NA
AMD Athlon II Dual-Core M300	1112	2259	NA	NA
Intel Celeron N3350 @ 1.10GHz	1113	2258	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1114	2257	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1114	2256	5.53	\$201.48*
Intel Pentium T3400 @ 2.16GHz	1115	2255	12.40	\$89.95*
Intel Celeron P4500 @ 1.87GHz	1116	2254	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2253	NA	NA
AMD Turion X2 Dual-Core Mobile RM-75	1120	2252	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1129	2251	NA	NA
Intel Pentium 967 @ 1.30GHz	1139	2250	NA	NA
AMD E2-3000 APU	1140	2249	NA	NA
AMD Athlon II Dual-Core M320	1141	2248	38.05	\$30.00*
AMD Turion 64 X2 Mobile TL-66	1141	2247	3.02	\$378.00*
AMD Athlon 64 X2 Dual Core 4400+	1145	2246	19.10	\$60.00
Intel Celeron 857 @ 1.20GHz	1146	2245	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2244	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2243	NA	NA
Intel Core2 Duo T5870 @ 2.00GHz	1149	2242	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II N330 Dual-Core	1154	2240	NA	NA
Intel Celeron J3355 @ 2.00GHz	1155	2239	NA	NA
Athlon 64 Dual Core 4200+	1156	2238	5.64	\$204.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2237	23.16	\$49.99*
Intel Core i3-380UM @ 1.33GHz	1159	2236	NA	NA
AMD Turion 64 X2 Mobile TL-68	1162	2234	12.92	\$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2235	NA	NA
AMD Opteron 175	1167	2233	NA	NA
AMD Athlon Dual Core 4450B	1168	2232	37.68	\$31.00*
Intel Celeron E1500 @ 2.20GHz	1168	2230	59.47	\$19.65
Intel Core2 Duo T7200 @ 2.00GHz	1168	2231	11.69	\$99.95*
AMD Opteron 270	1170	2229	1.93	\$607.47*
AMD Opteron 1216 HE	1172	2228	NA	NA
Intel Celeron 867 @ 1.30GHz	1173	2227	39.12	\$29.99*
VIA QuadCore U4650 @ 1.0+ GHz	1173	2226	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1174	2224	27.97	\$42.00*
Intel Pentium E2210 @ 2.20GHz	1174	2225	NA	NA
AMD Opteron 280	1176	2223	18.10	\$65.00*
AMD A4-4355M APU	1177	2222	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2221	NA	NA
Intel Core2 Duo E6320 @ 1.86GHz	1185	2220	23.72	\$49.99*
AMD A4-3300M APU	1186	2219	39.56	\$29.99*
AMD Turion II Neo K685 Dual-Core	1186	2218	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2217	NA	NA
AMD Opteron 1214	1191	2215	4.11	\$290.00*
Intel Atom x5-Z8300 @ 1.44GHz	1191	2216	8.96	\$132.99*
Intel Core2 Duo T7300 @ 2.00GHz	1194	2214	38.55	\$30.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Celeron Dual-Core T3300 @ 2.00GHz	1200	2213	NA	NA
Intel Pentium E2200 @ 2.20GHz	1202	2212	16.04	\$75.00*
Intel Celeron N2910 @ 1.60GHz	1203	2211	NA	NA
Athlon Dual Core 4450e	1204	2210	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1205	2209	30.18	\$39.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T5850 @ 2.16GHz	1206	2208	75.86	\$15.90*
AMD GX-218GL SOC	1207	2206	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1209	2205	63.72	\$18.99*
AMD Phenom X4 Quad-Core GS-5560	1211	2203	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1211	2204	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	2202	NA	NA
AMD Athlon II P320 Dual-Core	1216	2201	40.62	\$29.95*
AMD A4-3330MX APU	1218	2200	NA	NA
AMD Athlon 64 X2 Dual Core 4600+	1219	2199	3.39	\$359.95
Intel Pentium 987 @ 1.50GHz	1223	2198	NA	NA
Intel Core2 Duo T6400 @ 2.00GHz	1226	2197	81.79	\$14.99*
AMD A4-3305M APU	1227	2196	39.85	\$30.81
Intel Pentium T4300 @ 2.10GHz	1231	2195	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	2193	27.43	\$45.00*
Athlon 64 Dual Core 3800+	1234	2194	NA	NA
AMD Opteron 180	1236	2192	9.51	\$129.95*
Intel Pentium P6000 @ 1.87GHz	1243	2191	NA	NA
Intel Xeon 5120 @ 1.86GHz	1248	2190	0.77	\$1,619.99*
AMD Athlon II N350 Dual-Core	1249	2189	NA	NA
Intel Core2 Duo T7400 @ 2.16GHz	1250	2188	NA	NA
AMD Athlon II P340 Dual-Core	1251	2187	27.83	\$44.95*
AMD Athlon X2 Dual Core BE-2450	1251	2185	NA	NA
Intel Core2 Duo SL9400 @ 1.86GHz	1251	2186	4.95	\$253.00*
Intel Atom Z3770 @ 1.46GHz	1252	2184	8.38	\$149.44*
AMD A4-3320M APU	1253	2182	34.93	\$35.90
AMD Athlon 64 X2 Dual Core 4800+	1253	2183	2.73	\$459.95*
AMD GX-222GC SOC	1255	2181	NA	NA
Intel Celeron E1600 @ 2.40GHz	1255	2180	NA	NA
Intel Core2 Duo T6570 @ 2.10GHz	1257	2179	32.66	\$38.50*
VIA Eden X4 C4250 @ 1.2+GHz	1262	2178	NA	NA
AMD Athlon 5200 Dual-Core	1266	2177	42.23	\$29.99*
Intel Pentium 3560Y @ 1.20GHz	1266	2176	NA	NA
AMD Opteron 2212	1270	2175	63.53	\$20.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T7500 @ 2.20GHz	1271	2173	29.59	\$42.99*
Celeron Dual-Core T3500 @ 2.10GHz	1274	2172	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1275	2171	60.76	\$21.00*
Intel Atom Z3775 @ 1.46GHz	1276	2169	36.46	\$35.00*
Intel Celeron 887 @ 1.50GHz	1276	2170	NA	NA
Intel Celeron B800 @ 1.50GHz	1277	2168	NA	NA
Intel Atom Z3775D @ 1.49GHz	1278	2166	NA	NA
Intel Xeon 3040 @ 1.86GHz	1278	2167	51.05	\$25.04*
Intel Pentium T4400 @ 2.20GHz	1281	2165	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 FX-60 Dual Core	1282	2164	NA	NA
Intel Core2 Duo T6500 @ 2.10GHz	1284	2163	85.72	\$14.99*
AMD Athlon 64 X2 4200+	1285	2161	4.16	\$308.95*
AMD Athlon II X2 270u	1285	2162	18.99	\$67.67*
AMD A4-3310MX APU	1286	2160	NA	NA
AMD A6-4455M APU	1287	2159	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1288	2158	43.02	\$29.95*
Intel Core2 Duo P7350 @ 2.00GHz	1289	2157	64.51	\$19.99*
AMD Opteron 275	1291	2156	15.74	\$82.05*
Intel Celeron 877 @ 1.40GHz	1291	2155	NA	NA
AMD Athlon 5000 Dual-Core	1292	2154	10.78	\$119.95
AMD Turion II Dual-Core Mobile M500	1293	2153	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1295	2152	23.56	\$55.00*
Intel Core2 Duo T8100 @ 2.10GHz	1297	2151	1.30	\$999.99*
Intel Celeron G470 @ 2.00GHz	1298	2150	NA	NA
AMD Opteron 1214 HE	1299	2149	NA	NA
Intel Xeon 3050 @ 2.13GHz	1300	2148	8.23	\$157.95*
AMD Athlon Dual Core 5600B	1304	2147	NA	NA
AMD Turion II Dual-Core Mobile M520	1306	2146	18.91	\$69.10*
AMD Athlon Dual Core 5000B	1308	2144	13.77	\$95.00*
AMD Opteron 1212 HE	1308	2145	NA	NA
AMD Opteron 1216	1311	2143	23.91	\$54.85*
Intel Core2 Duo P7370 @ 2.00GHz	1311	2142	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850e	1315	2140	33.74	\$39.00*
AMD Athlon Dual Core 5200B	1316	2139	NA	NA
AMD Athlon II P360 Dual-Core	1318	2138	54.93	\$24.00*
Intel Core i7-620UM @ 1.07GHz	1323	2137	NA	NA
AMD E2-9000e	1324	2136	NA	NA
Intel Pentium P6100 @ 2.00GHz	1327	2135	46.67	\$28.44*
Intel Celeron P4600 @ 2.00GHz	1328	2134	NA	NA
Intel Pentium E2220 @ 2.40GHz	1330	2133	15.48	\$85.99*
Intel Core2 Extreme X7850 @ 2.80GHz	1331	2132	NA	NA
Intel Pentium T4500 @ 2.30GHz	1332	2131	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	2130	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	2129	4.83	\$277.01*
Intel Core i5-430UM @ 1.20GHz	1341	2128	NA	NA
AMD Opteron 185	1342	2127	NA	NA
AMD Athlon Dual Core 5050e	1345	2126	22.43	\$60.00*
Athlon Dual Core 4850e	1346	2125	NA	NA
Intel Core2 Duo L9600 @ 2.13GHz	1346	2124	NA	NA
Intel Core i5-520UM @ 1.07GHz	1348	2123	NA	NA
Intel Pentium P6200 @ 2.13GHz	1349	2122	30.03	\$44.95*
AMD Opteron 2214	1358	2121	46.85	\$29.00*
Intel Core2 Duo T6600 @ 2.20GHz	1358	2120	71.90	\$18.90*
Intel Core2 Duo E6420 @ 2.13GHz	1359	2119	27.20	\$49.99*
AMD Turion II P520 Dual-Core	1360	2118	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1360	2117	NA	NA
AMD Turion II Neo N54L Dual-Core	1363	2115	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA QuadCore L4700 @ 1.2+ GHz	1363	2116	NA	NA
Intel Celeron 2981U @ 1.60GHz	1364	2113	NA	NA
Intel Celeron B815 @ 1.60GHz	1364	2114	NA	NA
Intel Xeon 5130 @ 2.00GHz	1366	2112	27.90	\$48.99*
Athlon 64 Dual Core 4800+	1370	2111	NA	NA
Intel Pentium P6300 @ 2.27GHz	1372	2110	NA	NA
Intel Core i5-540UM @ 1.20GHz	1375	2109	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Xeon E5502 @ 1.87GHz	1378	2107	14.51	\$95.00*
AMD Athlon 64 X2 Dual Core 5200+	1381	2106	23.03	\$60.00
AMD E2-3200 APU	1381	2104	172.96	\$7.99*
Intel Xeon E5503 @ 2.00GHz	1381	2105	4.81	\$287.01*
Intel Celeron E3200 @ 2.40GHz	1382	2103	26.59	\$51.99*
Intel Core2 Duo E4600 @ 2.40GHz	1383	2102	8.76	\$157.95*
Intel Celeron E3300 @ 2.50GHz	1389	2101	55.62	\$24.98
Intel Celeron 1007U @ 1.50GHz	1390	2100	7.52	\$184.99*
AMD Athlon Dual Core 4850B	1391	2099	NA	NA
AMD Sempron X2 180	1391	2098	20.05	\$69.40*
Intel Celeron B810 @ 1.60GHz	1395	2097	NA	NA
Intel Pentium 997 @ 1.60GHz	1395	2096	NA	NA
AMD Opteron 2220 SE	1398	2095	55.92	\$25.00*
Intel Xeon E5205 @ 1.86GHz	1401	2094	148.77	\$9.42*
AMD Turion II Ultra Dual-Core Mobile M600	1406	2093	52.55	\$26.76*
AMD Sempron X2 198 Dual-Core	1413	2091	NA	NA
Intel Celeron 2955U @ 1.40GHz	1413	2092	NA	NA
AMD Opteron 2214 HE	1415	2090	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	2089	35.42	\$39.99*
AMD Athlon Dual Core 5400B	1420	2088	NA	NA
AMD Athlon X2 440	1424	2087	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1425	2086	10.18	\$139.95*
Intel Celeron B820 @ 1.70GHz	1431	2085	36.44	\$39.29*
AMD Turion II P540 Dual-Core	1432	2083	28.67	\$49.95*
Intel Celeron N4000 @ 1.10GHz	1432	2084	13.38	\$107.00*
Intel Celeron 2957U @ 1.40GHz	1433	2082	NA	NA
AMD Phenom X2 Dual-Core GP-7730	1435	2080	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1435	2081	NA	NA
Intel Celeron E3400 @ 2.60GHz	1440	2079	2.36	\$610.00*
AMD Opteron 1218 HE	1444	2078	NA	NA
AMD Athlon 7450 Dual-Core	1449	2077	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1450	2076	27.37	\$52.99*
Intel Core2 Duo E6540 @ 2.33GHz	1451	2075	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	2073	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	2072	36.37	\$39.99*
Intel Core2 Duo P7570 @ 2.26GHz	1455	2071	NA	NA
AMD Opteron 290	1464	2070	10.85	\$135.00*
AMD Opteron 1218	1468	2069	NA	NA
AMD Opteron 285	1470	2068	18.39	\$79.95
Intel Core2 Duo T8300 @ 2.40GHz	1471	2067	13.51	\$108.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 7550 Dual-Core	1472	2066	24.54	\$60.00*
AMD A6-5345M APU	1476	2065	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1481	2064	54.88	\$26.99*
AMD Athlon II X2 4300e	1483	2063	NA	NA
AMD Athlon 64 X2 Dual Core 5600+	1485	2062	8.25	\$179.95
AMD Athlon II X2 210e	1486	2061	NA	NA
Intel Pentium E5200 @ 2.50GHz	1486	2060	24.80	\$59.95
Intel Core2 Duo E8135 @ 2.40GHz	1490	2059	NA	NA
AMD Athlon 64 FX-74	1495	2058	2.99	\$499.50*
AMD GX-412HC	1497	2056	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1497	2057	100.16	\$14.95*
AMD A4-3300 APU	1502	2054	115.70	\$12.99
AMD PRO A4-4350B	1502	2055	NA	NA
Intel Celeron 1017U @ 1.60GHz	1503	2053	NA	NA
Intel Celeron 3205U @ 1.50GHz	1503	2052	5.24	\$287.04*
AMD Athlon II X2 4450e	1504	2050	NA	NA
Intel Atom E3845 @ 1.91GHz	1504	2051	NA	NA
Athlon 64 Dual Core 5000+	1507	2049	NA	NA
Intel Celeron B830 @ 1.80GHz	1512	2048	NA	NA
Intel Celeron N2920 @ 1.86GHz	1514	2047	NA	NA
AMD E2-9030	1515	2046	NA	NA
AMD Turion II P560 Dual-Core	1515	2045	NA	NA
AMD Athlon 64 X2 Dual Core 5800+	1516	2044	60.68	\$24.99*
AMD Opteron 2216	1518	2043	58.84	\$25.80
Intel Core2 Duo P7550 @ 2.26GHz	1518	2042	6.60	\$229.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium N3510 @ 1.99GHz	1519	2040	NA	NA
Intel Xeon 3065 @ 2.33GHz	1520	2039	72.77	\$20.90*
AMD Turion II N550 Dual-Core	1521	2038	NA	NA
AMD Athlon II X2 225	1526	2037	NA	NA
AMD Turion II Ultra Dual-Core Mobile M660	1533	2036	NA	NA
AMD Sempron X2 190	1534	2035	18.39	\$83.44*
Intel Core2 Duo P8600 @ 2.40GHz	1537	2034	31.25	\$49.18*
AMD A4-9120C	1539	2032	NA	NA
AMD A6-1450 APU	1539	2033	NA	NA
Intel Pentium E5300 @ 2.60GHz	1540	2031	67.00	\$22.99
AMD Athlon X2 215	1543	2030	NA	NA
AMD A4 Micro-6400T APU	1544	2029	NA	NA
Athlon 64 Dual Core 5600+	1548	2028	NA	NA
Intel Celeron J4005 @ 2.00GHz	1551	2027	8.25	\$187.95
Intel Core2 Duo E6600 @ 2.40GHz	1554	2026	103.69	\$14.99*
Intel Core i3-2357M @ 1.30GHz	1556	2025	NA	NA
AMD Athlon II N370 Dual-Core	1559	2024	NA	NA
Intel Core2 Duo P9300 @ 2.26GHz	1564	2023	NA	NA
AMD Athlon II X2 215	1567	2021	130.73	\$11.99*
AMD Turion II N530 Dual-Core	1567	2022	52.24	\$30.00*
Intel Xeon 3085 @ 3.00GHz	1570	2020	NA	NA
AMD Athlon 7750 Dual-Core	1571	2019	10.27	\$152.99*
AMD Athlon 64 FX-62 Dual Core	1573	2018	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD R-260H APU	1576	2017	NA	NA
Intel Atom x5-E8000 @ 1.04GHz	1578	2016	NA	NA
AMD Phenom II P650 Dual-Core	1579	2015	45.12	\$35.00*
Intel Xeon 5148 @ 2.33GHz	1590	2014	121.17	\$13.13*
AMD A4-3400 APU	1593	2012	18.12	\$87.95
Intel Celeron 2980U @ 1.60GHz	1593	2013	NA	NA
AMD Opteron 2218	1594	2011	19.94	\$79.95
Intel Core2 Duo T7800 @ 2.60GHz	1597	2009	2.63	\$607.99*
Intel Pentium E5400 @ 2.70GHz	1597	2010	89.93	\$17.76

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD Phenom II P820 Triple-Core	1602	2007	NA	NA
AMD Athlon 64 X2 Dual Core 6000+	1603	2006	34.90	\$45.95
Intel Celeron 2002E @ 1.50GHz	1605	2004	18.67	\$86.00*
Intel Pentium A1018 @ 2.10GHz	1605	2005	NA	NA
Intel Celeron 3965Y @ 1.50GHz	1607	2003	15.03	\$107.00*
AMD Athlon X2 240	1611	2002	NA	NA
AMD A4-4300M APU	1614	2000	40.52	\$39.86
Athlon 64 Dual Core 5400+	1614	2001	NA	NA
AMD A6 PRO-7050B APU	1616	1999	NA	NA
Intel Celeron J1850 @ 1.99GHz	1617	1998	NA	NA
Intel Core2 Duo P8700 @ 2.53GHz	1623	1997	42.73	\$37.99*
Intel Core2 Duo E7200 @ 2.53GHz	1624	1996	33.16	\$49.00*
AMD Athlon X2 255	1627	1995	NA	NA
AMD A6-9220e	1629	1993	NA	NA
AMD E2-9010	1629	1994	NA	NA
AMD Athlon II X2 4400e	1632	1992	NA	NA
AMD Phenom 8400 Triple-Core	1632	1991	NA	NA
AMD Athlon II X2 220	1635	1990	50.81	\$32.19
AMD Phenom 8250e Triple-Core	1635	1989	34.81	\$46.99*
Intel Pentium E5500 @ 2.80GHz	1636	1988	62.96	\$25.99*
Intel Xeon 5140 @ 2.33GHz	1636	1987	65.49	\$24.99*
Intel Core i7-640UM @ 1.20GHz	1638	1986	NA	NA
AMD Athlon II X2 240	1643	1985	47.03	\$34.95
AMD A6-4400M APU	1645	1984	205.91	\$7.99*
AMD E2-3800 APU	1645	1983	NA	NA
AMD E2-9000	1646	1982	NA	NA
Intel Celeron 3215U @ 1.70GHz	1652	1981	NA	NA
Intel Pentium 2117U @ 1.80GHz	1656	1980	12.36	\$134.00*
AMD Athlon II X2 235e	1657	1979	9.11	\$181.88*
Intel Celeron N2930 @ 1.83GHz	1658	1978	NA	NA
AMD Opteron 1220	1661	1977	NA	NA
AMD Athlon II X2 245	1662	1976	47.56	\$34.95*
AMD QC-4000	1663	1975	NA	NA
AMD A4-3420 APU	1664	1974	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3160 @ 1.60GHz	1666	1973	5.95	\$279.99
AMD A6-7000	1667	1970	NA	NA
Intel Celeron G1101 @ 2.27GHz	1667	1971	84.34	\$19.77*
AMD Phenom 8250 Triple-Core	1668	1969	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-560UM @ 1.33GHz	1669	1967	NA	NA
Intel Pentium 3556U @ 1.70GHz	1669	1968	NA	NA
AMD Athlon X2 240e	1670	1966	NA	NA
AMD Turion II Ultra Dual-Core Mobile M640	1670	1965	NA	NA
Intel Celeron 1000M @ 1.80GHz	1672	1963	NA	NA
Intel Pentium 3558U @ 1.70GHz	1672	1964	NA	NA
AMD Phenom 8600 Triple-Core	1673	1962	31.57	\$52.99*
Intel Core2 Duo T9300 @ 2.50GHz	1674	1961	28.88	\$57.99*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1960	5.90	\$284.00*
Intel Core i3-2365M @ 1.40GHz	1682	1959	NA	NA
Intel Celeron 3855U @ 1.60GHz	1685	1958	NA	NA
AMD Phenom II N620 Dual-Core	1686	1957	422.70	\$3.99*
Intel Core2 Duo X7360 @ 2.53GHz	1687	1956	NA	NA
Intel Core2 Extreme X7900 @ 2.80GHz	1688	1955	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1693	1954	56.46	\$29.99*
AMD Athlon X2 250	1696	1953	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1696	1952	27.11	\$62.57*
AMD Phenom X2 Dual-Core GE-4060	1697	1951	NA	NA
AMD Athlon II X2 240e	1700	1950	48.64	\$34.95*
Intel Core i3-3229Y @ 1.40GHz	1700	1949	NA	NA
AMD Opteron 2220	1701	1948	21.29	\$79.95
Intel Celeron 3755U @ 1.70GHz	1702	1947	NA	NA
Intel Celeron U1900 @ 1.99GHz	1704	1946	NA	NA
Intel Pentium E6300 @ 2.80GHz	1705	1945	165.55	\$10.30*
Intel Core i3-2367M @ 1.40GHz	1708	1944	NA	NA
AMD Athlon II X2 245e	1709	1943	21.37	\$80.00*
AMD Phenom II X2 B53	1709	1942	NA	NA
AMD Athlon 7850 Dual-Core	1710	1940	8.16	\$209.65*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo E6750 @ 2.66GHz	1712	1939	166.28	\$10.30*
AMD Phenom II P840 Triple-Core	1713	1938	NA	NA
AMD Athlon II X2 B22	1715	1936	41.16	\$41.69*
Intel Pentium B950 @ 2.10GHz	1715	1937	NA	NA
Intel Celeron G530T @ 2.00GHz	1717	1935	NA	NA
AMD Sempron 3850 APU	1718	1934	23.67	\$72.60
Intel Celeron B840 @ 1.90GHz	1719	1933	NA	NA
Intel Core i3-2340UE @ 1.30GHz	1719	1932	NA	NA
AMD Phenom II N640 Dual-Core	1721	1931	26.51	\$64.95*
Intel Celeron N2940 @ 1.83GHz	1722	1930	NA	NA
Intel Core2 Duo E7300 @ 2.66GHz	1727	1929	43.31	\$39.88*
Intel Pentium B940 @ 2.00GHz	1727	1928	57.71	\$29.94*
Intel Celeron 1037U @ 1.80GHz	1735	1927	NA	NA
Intel Core2 Duo T9400 @ 2.53GHz	1737	1926	38.65	\$44.95*
Intel Pentium E5700 @ 3.00GHz	1738	1925	115.99	\$14.99*
Intel Core2 Duo P8800 @ 2.66GHz	1739	1924	30.53	\$56.99*
AMD Athlon II X2 250	1740	1923	44.68	\$38.95
Intel Xeon 5150 @ 2.66GHz	1740	1922	12.44	\$139.95*
Intel Core i7-660UM @ 1.33GHz	1745	1921	NA	NA
AMD A6-9200	1747	1920	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P9500 @ 2.53GHz	1748	1919	1.75	\$998.99*
AMD Phenom X2 Dual-Core GE-7060	1752	1918	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1754	1917	17.72	\$99.00*
AMD Phenom II P860 Triple-Core	1756	1916	NA	NA
AMD Opteron 1222	1757	1915	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1913	NA	NA
Intel Xeon W3503 @ 2.40GHz	1757	1914	175.90	\$9.99*
Intel Core2 Duo E8135 @ 2.66GHz	1761	1912	NA	NA
AMD A6-9210	1764	1910	NA	NA
AMD Embedded G-Series GX-215JJ Radeon R2E	1764	1911	NA	NA
Intel Pentium E6500 @ 2.93GHz	1765	1909	11.18	\$157.95*
Intel Core2 Duo E7400 @ 2.80GHz	1770	1908	61.06	\$28.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD A9-9420e	1779	1906	NA	NA
AMD Athlon II X2 B24	1781	1905	44.59	\$39.95
AMD Athlon 64 X2 Dual Core 6400+	1784	1902	6.87	\$259.95*
Intel Core i3-330M @ 2.13GHz	1784	1903	11.16	\$159.95*
Intel Xeon 3070 @ 2.66GHz	1784	1904	4.36	\$408.95*
Intel Core2 Duo T9500 @ 2.60GHz	1793	1901	NA	NA
AMD Athlon 64 FX-72	1794	1900	NA	NA
Intel Celeron J3160 @ 1.60GHz	1798	1899	NA	NA
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1898	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1803	1897	6.03	\$298.95*
Intel Atom Z3795 @ 1.60GHz	1804	1896	NA	NA
AMD Athlon X2 235e	1806	1895	NA	NA
Intel Pentium N3520 @ 2.16GHz	1806	1894	NA	NA
Intel Celeron 1005M @ 1.90GHz	1808	1893	NA	NA
Intel Pentium 2127U @ 1.90GHz	1821	1892	13.59	\$134.00*
AMD Phenom II X2 B57	1823	1890	NA	NA
Intel Xeon L5238 @ 2.66GHz	1823	1891	NA	NA
AMD A8-7050	1824	1889	NA	NA
Intel Core i3-2377M @ 1.50GHz	1828	1888	NA	NA
AMD Phenom II P940 Quad-Core	1831	1887	NA	NA
AMD A4-4000 APU	1832	1886	14.29	\$128.27*
AMD Phenom 9100e Quad-Core	1833	1885	45.89	\$39.95*
AMD A6 Micro-6500T APU	1834	1884	NA	NA
Intel Atom x5-Z8550 @ 1.44GHz	1835	1883	NA	NA
Intel Pentium N3700 @ 1.60GHz	1835	1882	4.13	\$444.78*
Intel Pentium J2850 @ 2.41GHz	1839	1881	NA	NA
Intel Xeon 3075 @ 2.66GHz	1840	1880	5.26	\$349.95*
AMD Athlon II X2 255	1842	1879	28.24	\$65.22*
AMD Opteron 2222	1843	1878	1.11	\$1,664.98*
AMD Phenom II N660 Dual-Core	1844	1876	18.64	\$99.00*
Intel Xeon W3505 @ 2.53GHz	1844	1877	74.18	\$24.86*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1875	NA	NA
Intel Celeron N3450 @ 1.10GHz	1849	1874	11.62	\$159.14
Intel Celeron 3867U @ 1.80GHz	1852	1873	17.31	\$107.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B960 @ 2.20GHz	1852	1872	37.81	\$48.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G6950 @ 2.80GHz	1855	1870	46.41	\$39.99*
Intel Pentium E6600 @ 3.06GHz	1861	1869	18.62	\$100.00*
AMD A4-5150M APU	1864	1868	NA	NA
Intel Atom E3950 @ 1.60GHz	1864	1866	NA	NA
Intel Pentium N3710 @ 1.60GHz	1864	1867	NA	NA
Intel Core2 Duo P9600 @ 2.66GHz	1866	1865	NA	NA
Intel Atom E3940 @ 1.60GHz	1867	1864	NA	NA
AMD Phenom II P920 Quad-Core	1872	1863	24.96	\$75.00*
Intel Core2 Duo E7500 @ 2.93GHz	1873	1862	125.00	\$14.99*
Intel Core2 Extreme X6800 @ 2.93GHz	1875	1861	7.11	\$263.64*
AMD Athlon II X2 260	1877	1860	93.95	\$19.99*
Intel Core2 Duo E8200 @ 2.66GHz	1882	1859	37.66	\$49.99*
Intel Pentium E5800 @ 3.20GHz	1887	1858	83.89	\$22.50
AMD A6-3400M APU	1888	1857	63.01	\$29.97*
AMD Phenom 8450 Triple-Core	1888	1856	63.07	\$29.95*
AMD Phenom II N830 Triple-Core	1890	1855	NA	NA
Intel Atom x7-Z8700 @ 1.60GHz	1890	1854	25.68	\$73.63*
Intel Core i3-350M @ 2.27GHz	1891	1853	17.36	\$108.95
AMD Athlon II X2 265	1892	1852	22.84	\$82.88*
Intel Atom x7-Z8750 @ 1.60GHz	1894	1850	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1894	1851	4.62	\$409.95*
VIA QuadCore C4650@2.0GHz	1897	1849	NA	NA
Intel Core i3-4010Y @ 1.30GHz	1900	1848	NA	NA
Intel Xeon @ 2.20GHz	1902	1847	NA	NA
AMD A6-5350M APU	1906	1846	44.20	\$43.12
AMD Athlon II X2 B26	1906	1845	42.42	\$44.95
AMD A4-4020 APU	1909	1844	23.00	\$83.00
Intel Pentium N3530 @ 2.16GHz	1911	1843	NA	NA
Intel Pentium J3710 @ 1.60GHz	1913	1842	NA	NA
AMD A4-5000 APU	1918	1839	NA	NA
AMD Phenom II X2 545	1918	1840	43.62	\$43.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E2-6110 APU	1919	1837	NA	NA
AMD Opteron 2224 SE	1919	1838	NA	NA
AMD Phenom 8600B Triple-Core	1924	1836	36.33	\$52.99*
AMD Phenom II X2 B55	1926	1835	40.17	\$47.95*
Intel Core2 Duo T9600 @ 2.80GHz	1927	1834	21.43	\$89.95*
AMD Phenom X3 8550	1931	1833	11.36	\$169.95*
AMD Athlon X2 340 Dual Core	1932	1831	38.66	\$49.99*
Intel Pentium E6700 @ 3.20GHz	1932	1832	64.43	\$29.99
Intel Pentium N3540 @ 2.16GHz	1933	1830	7.71	\$250.87*
AMD Phenom II N850 Triple-Core	1934	1829	77.36	\$25.00*
Intel Core i3-330E @ 2.13GHz	1935	1828	NA	NA
AMD Athlon II X2 250e	1939	1827	25.28	\$76.73*
Intel Celeron 3955U @ 2.00GHz	1943	1826	NA	NA
Intel Core2 Duo E6850 @ 3.00GHz	1946	1825	38.93	\$49.99*
AMD A4-9120	1947	1824	NA	NA
Intel Celeron 3765U @ 1.90GHz	1948	1823	NA	NA
AMD A6-5357M APU	1953	1821	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium B970 @ 2.30GHz	1953	1822	38.30	\$50.99*
AMD R-460L APU	1954	1819	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1820	NA	NA
Intel Core2 Duo E8235 @ 2.80GHz	1955	1818	NA	NA
Intel Xeon 5160 @ 3.00GHz	1956	1817	39.13	\$49.99*
Intel Core2 Duo E7600 @ 3.06GHz	1959	1816	16.34	\$119.95*
AMD A6-9220C	1962	1815	NA	NA
Intel Pentium 3805U @ 1.90GHz	1965	1814	NA	NA
AMD Phenom 8850 Triple-Core	1968	1813	NA	NA
AMD GX-415GA SOC	1969	1812	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1811	NA	NA
AMD A10 Micro-6700T APU	1970	1810	NA	NA
Intel Pentium J2900 @ 2.41GHz	1973	1809	NA	NA
Intel Pentium E6800 @ 3.33GHz	1974	1808	22.19	\$89.00*
AMD Athlon II X2 270	1975	1807	82.34	\$23.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium G640T @ 2.40GHz	1979	1805	NA	NA
AMD A8-3500M APU	1984	1804	28.37	\$69.95
Intel Celeron 2950M @ 2.00GHz	1984	1803	NA	NA
AMD Phenom 8650 Triple-Core	1986	1802	39.73	\$49.99*
Intel Core2 Duo E8300 @ 2.83GHz	1987	1801	99.44	\$19.99*
AMD Phenom X4 Quad-Core GP-9530	1994	1800	NA	NA
AMD Athlon II X3 405e	2000	1799	25.00	\$79.99*
AMD Phenom II N870 Triple-Core	2000	1798	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2003	1797	4.73	\$423.89*
AMD A6-3420M APU	2004	1796	NA	NA
AMD R-272F APU	2007	1795	NA	NA
AMD Athlon II X3 400e	2009	1794	18.70	\$107.43*
AMD A4-9125	2011	1793	NA	NA
Intel Core i3-370M @ 2.40GHz	2015	1792	50.44	\$39.96*
Intel Core2 Duo P9700 @ 2.80GHz	2015	1791	NA	NA
AMD A4-5300 APU	2019	1790	18.31	\$110.32*
AMD Phenom II X640 Dual-Core	2021	1789	NA	NA
AMD Phenom II X2 550	2023	1788	40.47	\$49.99*
Intel Pentium B980 @ 2.40GHz	2024	1787	28.94	\$69.95*
AMD Phenom 8450e Triple-Core	2026	1786	NA	NA
AMD A6-3500 APU	2029	1785	50.76	\$39.99*
Intel Celeron G550T @ 2.20GHz	2032	1784	NA	NA
Intel Pentium G620T @ 2.20GHz	2033	1783	25.42	\$79.99*
AMD Phenom 8750B Triple-Core	2034	1782	NA	NA
Intel Pentium N4200 @ 1.10GHz	2036	1781	8.71	\$233.98*
Intel Atom T5700 @ 1.70GHz	2039	1780	NA	NA
AMD Phenom II X2 555	2042	1779	73.01	\$27.98*
Intel Pentium 4410Y @ 1.50GHz	2050	1778	12.73	\$161.00*
AMD A6-3410MX APU	2058	1776	515.98	\$3.99*
AMD Phenom 8750 Triple-Core	2058	1777	NA	NA
Intel Pentium 4405Y @ 1.50GHz	2059	1774	NA	NA
Intel Pentium G6960 @ 2.93GHz	2059	1775	NA	NA
AMD A4-5100 APU	2060	1773	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X2 560	2062	1772	31.73	\$64.99*
Intel Core i5-2537M @ 1.40GHz	2064	1771	NA	NA
AMD Phenom II X2 570	2068	1769	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2068	1770	NA	NA
ZHAOXIN KaiXian ZX-C+ C4700@2.0GHz	2069	1768	NA	NA
Intel Xeon E3-1220L v3 @ 1.10GHz	2070	1767	NA	NA
AMD Phenom II X2 521	2071	1766	NA	NA
AMD PRO A6-9500B	2076	1764	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2076	1765	2.44	\$851.00*
AMD Athlon X3 440	2078	1763	23.62	\$87.99*
AMD Phenom 8850B Triple-Core	2080	1762	NA	NA
AMD Athlon II X2 B28	2085	1761	42.52	\$49.05*
Intel Atom C2538 @ 2.40GHz	2085	1760	20.05	\$104.00*
AMD Phenom II P960 Quad-Core	2086	1759	74.51	\$28.00*
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1758	NA	NA
Intel Pentium G630T @ 2.30GHz	2089	1757	26.12	\$79.99*
Intel Core i3-380M @ 2.53GHz	2093	1755	34.92	\$59.95*
Intel Core i5-430M @ 2.27GHz	2093	1756	14.96	\$139.95*
AMD A6-9230	2102	1754	NA	NA
AMD Phenom II X2 511	2104	1753	NA	NA
AMD Athlon 5150 APU	2107	1752	13.18	\$159.95
AMD Sempron 240	2110	1751	36.39	\$58.00
Intel Celeron J3455 @ 1.50GHz	2112	1750	6.04	\$349.99
AMD Phenom 9150e Quad-Core	2114	1749	52.92	\$39.95*
Intel Celeron G540T @ 2.10GHz	2114	1748	NA	NA
AMD A8-4555M APU	2123	1747	NA	NA
AMD A4-5050 APU	2124	1746	NA	NA
AMD A6-9225	2124	1744	NA	NA
AMD Phenom II X2 B59	2124	1745	48.25	\$44.04*
AMD Athlon II X2 280	2128	1741	21.29	\$99.99*
Intel Celeron G530 @ 2.40GHz	2128	1742	53.22	\$39.99*
Intel Core2 Duo E8335 @ 2.93GHz	2128	1743	NA	NA
Intel Celeron G1820TE @ 2.20GHz	2132	1740	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G6951 @ 2.80GHz	2135	1738	22.72	\$94.00*
Intel Xeon L5320 @ 1.86GHz	2135	1737	30.52	\$69.99*
Intel Core2 Duo T9900 @ 3.06GHz	2137	1736	5.36	\$398.95*
Intel Atom C2550 @ 2.40GHz	2141	1735	NA	NA
Intel Core2 Duo E8400 @ 3.00GHz	2148	1734	47.22	\$45.50*
AMD A4-5300B APU	2149	1733	56.56	\$38.00*
Intel Core i3-4012Y @ 1.50GHz	2157	1732	NA	NA
AMD A4-6300B APU	2159	1731	21.59	\$100.00*
Intel Xeon E3110 @ 3.00GHz	2159	1730	93.93	\$22.99*
AMD A6-5400K APU	2160	1728	34.84	\$62.02
AMD A6-9220	2160	1729	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2162	1727	NA	NA
Intel Core i3-390M @ 2.67GHz	2165	1726	55.59	\$38.95*
AMD A8-3520M APU	2169	1724	NA	NA
Intel Atom C2558 @ 2.40GHz	2169	1725	15.95	\$136.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A4-6210 APU	2170	1723	NA	NA
HP Hexa-Core 2.0GHz	2178	1722	4.32	\$504.27*
AMD Phenom II X620 Dual-Core	2189	1721	NA	NA
AMD Athlon X3 425	2191	1720	NA	NA
Intel Celeron G540 @ 2.50GHz	2197	1718	48.84	\$45.00*
Intel Core i5 750S @ 2.40GHz	2197	1719	21.97	\$99.99*
AMD A6-3430MX APU	2200	1717	NA	NA
AMD A6-8500P	2202	1716	NA	NA
AMD Phenom 9500 Quad-Core	2203	1715	76.01	\$28.99*
AMD Phenom X2 Dual-Core GE-5560	2206	1714	NA	NA
Intel Core2 Duo E8700 @ 3.50GHz	2212	1713	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2214	1711	NA	NA
Intel Xeon E5310 @ 1.60GHz	2214	1712	45.19	\$49.00*
Intel Core i5-3339Y @ 1.50GHz	2215	1710	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2222	1709	13.81	\$161.00*
AMD A4-6300 APU	2225	1708	48.85	\$45.55*
AMD Phenom II X2 565	2225	1707	10.60	\$209.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X3 705e	2227	1705	14.63	\$152.34*
Intel Celeron 1020E @ 2.20GHz	2232	1704	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1703	NA	NA
AMD A6-5400B APU	2237	1702	21.30	\$105.04*
AMD Athlon II X3 425e	2239	1701	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1700	NA	NA
AMD Phenom II X3 700e	2242	1699	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1698	NA	NA
AMD Opteron 2393 SE	2246	1697	NA	NA
AMD Athlon II X3 415e	2247	1695	29.97	\$75.00*
Intel Core i7-640LM @ 2.13GHz	2247	1696	NA	NA
AMD Athlon X2 370K Dual Core	2251	1694	NA	NA
AMD Opteron 8354	2255	1693	93.98	\$24.00
Intel Celeron G1610T @ 2.30GHz	2256	1692	56.35	\$40.04*
Intel Celeron N4100 @ 1.10GHz	2257	1690	21.10	\$107.00*
Intel Pentium G645T @ 2.50GHz	2257	1691	NA	NA
Intel Core i5-4202Y @ 1.60GHz	2262	1689	NA	NA
Intel Pentium 3550M @ 2.30GHz	2262	1688	NA	NA
Intel Pentium 3560M @ 2.40GHz	2269	1687	NA	NA
Intel Pentium J4205 @ 1.50GHz	2269	1686	NA	NA
Intel Xeon L5240 @ 3.00GHz	2271	1685	72.33	\$31.40*
Intel Pentium 2020M @ 2.40GHz	2273	1684	16.97	\$134.00*
Intel Xeon L3110 @ 3.00GHz	2273	1683	NA	NA
AMD Phenom II N930 Quad-Core	2274	1681	17.50	\$129.95*
AMD PRO A4-3350B APU	2274	1682	NA	NA
Intel Xeon L5310 @ 1.60GHz	2274	1680	20.22	\$112.50*
AMD A6-6400B APU	2281	1679	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2281	1678	57.05	\$39.99*
AMD Opteron 2376	2283	1677	13.69	\$166.81*
AMD Athlon II X3 420e	2285	1676	19.68	\$116.15*
Intel Pentium G620 @ 2.60GHz	2286	1675	91.50	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5320 @ 1.86GHz	2288	1674	59.05	\$38.75*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD E2-7110 APU	2291	1672	NA	NA
AMD Opteron X3216 APU	2292	1671	NA	NA
AMD Athlon X2 280	2303	1670	68.77	\$33.49*
AMD Phenom 9600 Quad-Core	2303	1669	46.12	\$49.95*
Intel Core i3-3217U @ 1.80GHz	2305	1668	10.02	\$229.99*
AMD A9-9400	2306	1667	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2307	1666	NA	NA
AMD A4-7300 APU	2312	1665	20.65	\$112.00
Intel Celeron 2970M @ 2.20GHz	2312	1664	NA	NA
AMD A6-6400K APU	2313	1663	28.47	\$81.27*
AMD Athlon X3 445	2314	1662	NA	NA
AMD Athlon II X3 425	2315	1661	85.78	\$26.99*
AMD Opteron 1352	2316	1660	17.04	\$135.99*
Intel Core i5-2467M @ 1.60GHz	2319	1658	NA	NA
Intel Core i5-460M @ 2.53GHz	2319	1659	30.95	\$74.95*
AMD Phenom 9350e Quad-Core	2320	1657	0.69	\$3,382.07*
AMD A4-6320 APU	2329	1656	33.29	\$69.99*
AMD A9-9420	2339	1655	NA	NA
AMD A4 PRO-7300B APU	2353	1654	NA	NA
Intel Core2 Duo E8290 @ 2.83GHz	2353	1653	NA	NA
AMD A8-3530MX APU	2354	1652	NA	NA
Intel Celeron G1620T @ 2.40GHz	2362	1651	56.26	\$42.00*
Intel Xeon E5603 @ 1.60GHz	2364	1650	18.32	\$129.04*
Intel Celeron 2000E @ 2.20GHz	2365	1649	NA	NA
Intel Core i5-520M @ 2.40GHz	2367	1648	79.43	\$29.81
Intel Celeron 3965U @ 2.20GHz	2369	1647	22.14	\$107.00*
Intel Pentium G630 @ 2.70GHz	2371	1646	23.71	\$100.00
Intel Core i3-2312M @ 2.10GHz	2374	1645	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2375	1644	NA	NA
AMD Phenom II X4 8700e	2377	1643	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1642	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1641	NA	NA
AMD A6-6420K APU	2388	1640	15.92	\$149.99*
AMD PRO A6-8530B	2388	1639	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5272 @ 3.40GHz	2394	1637	17.10	\$140.00*
Intel Core i5-480M @ 2.67GHz	2398	1634	29.76	\$80.60*
Intel Core2 Duo E8600 @ 3.33GHz	2398	1636	56.49	\$42.45*
Intel Pentium 2030M @ 2.50GHz	2398	1635	17.90	\$134.00*
Intel Core i5-4200Y @ 1.40GHz	2399	1633	NA	NA
AMD Athlon X3 455	2401	1632	NA	NA
AMD A4 PRO-3340B	2402	1631	NA	NA
AMD Embedded R-Series RX-216GD	2409	1630	NA	NA
AMD A8-3510MX APU	2410	1629	NA	NA
AMD GX-420CA SOC	2412	1628	NA	NA
Intel Xeon E7320 @ 2.13GHz	2413	1627	NA	NA
Intel Pentium G2020T @ 2.50GHz	2418	1626	50.81	\$47.60*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G555 @ 2.70GHz	2422	1625	22.23	\$109.00
Intel Xeon E5240 @ 3.00GHz	2424	1624	27.31	\$88.78*
Intel Xeon E3113 @ 3.00GHz	2427	1623	247.99	\$9.79*
Intel Core i3-2310M @ 2.10GHz	2432	1622	62.67	\$38.81
AMD A6-5200 APU	2436	1621	NA	NA
Intel Core i3-4010U @ 1.70GHz	2442	1620	16.29	\$149.99
Intel Core i3-4005U @ 1.70GHz	2446	1619	NA	NA
AMD Phenom II X3 710	2448	1618	28.97	\$84.53*
AMD Opteron 2354	2450	1617	7.38	\$332.03*
Intel Core i5-540M @ 2.53GHz	2453	1616	36.08	\$68.00*
Intel Atom C3538 @ 2.10GHz	2455	1615	32.73	\$75.00*
Intel Xeon X5260 @ 3.33GHz	2455	1614	45.47	\$54.00*
Intel Pentium Silver N5000 @ 1.10GHz	2457	1613	15.26	\$161.00*
AMD Athlon II X4 600e	2465	1612	18.93	\$130.23*
Intel Core i3-3227U @ 1.90GHz	2468	1611	NA	NA
AMD A6-6310 APU	2470	1610	NA	NA
AMD Athlon II X3 435	2471	1609	82.41	\$29.99*
Intel Core i7-2610UE @ 1.50GHz	2481	1608	NA	NA
AMD Phenom II N950 Quad-Core	2483	1607	22.06	\$112.60*
Intel Core i5 E 520 @ 2.40GHz	2486	1606	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G2030T @ 2.60GHz	2488	1605	38.88	\$64.00*
AMD GX-424CC SOC	2491	1603	NA	NA
Intel Celeron G1630 @ 2.80GHz	2493	1602	35.63	\$69.99
Intel Celeron G1820T @ 2.40GHz	2495	1601	59.42	\$42.00*
AMD A9-9425	2496	1600	NA	NA
Pentium Dual-Core E6000 @ 3.46GHz	2501	1599	NA	NA
Intel Core i5-4300Y @ 1.60GHz	2502	1598	NA	NA
AMD Athlon X4 605e	2505	1597	NA	NA
Intel Core i3-4030Y @ 1.60GHz	2507	1596	NA	NA
Intel Core M-5Y51 @ 1.10GHz	2508	1595	NA	NA
Intel Pentium 3825U @ 1.90GHz	2508	1594	NA	NA
Intel Xeon E5335 @ 2.00GHz	2513	1593	141.45	\$17.77*
AMD Phenom II N970 Quad-Core	2515	1592	16.77	\$149.99*
AMD PRO A6-8500B	2516	1591	NA	NA
AMD Phenom FX-5000 Quad-Core	2517	1590	NA	NA
AMD Embedded G-Series GX-420G Radeon R7E	2519	1589	NA	NA
Intel Pentium G640 @ 2.80GHz	2520	1588	63.01	\$40.00
Intel Core2 Quad Q9000 @ 2.00GHz	2525	1587	6.49	\$389.00*
AMD A4-7210 APU	2528	1586	NA	NA
Intel Core i3-2330M @ 2.20GHz	2529	1585	126.52	\$19.99
AMD A4-6250J APU	2537	1584	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1583	29.52	\$86.00*
AMD A9-9410	2539	1582	NA	NA
AMD A9-9430	2540	1581	NA	NA
AMD Phenom 9550 Quad-Core	2544	1580	87.77	\$28.99*
Intel Core i7-610E @ 2.53GHz	2544	1579	NA	NA
Intel Core i3-2328M @ 2.20GHz	2545	1578	27.38	\$92.97*
Intel Xeon X5270 @ 3.50GHz	2553	1577	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840T @ 2.50GHz	2554	1576	NA	NA
Intel Pentium G3220T @ 2.60GHz	2560	1575	40.65	\$62.98*
Intel Pentium G840 @ 2.80GHz	2560	1574	73.19	\$34.99*
Intel Core i3-530 @ 2.93GHz	2565	1573	23.75	\$108.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Pentium G640 @ 2.80GHz	2568	1571	27.05	\$94.95*
AMD Athlon II X3 445	2572	1570	28.27	\$91.00*
AMD Athlon X3 435	2574	1569	26.96	\$95.49*
AMD Phenom 9600B Quad-Core	2575	1568	17.50	\$147.19*
AMD A8-6410 APU	2576	1567	NA	NA
Intel Celeron G1620 @ 2.70GHz	2577	1566	39.65	\$64.99
Intel Core i5-560M @ 2.67GHz	2578	1565	31.45	\$81.97*
Intel Core i5-580M @ 2.67GHz	2582	1564	23.49	\$109.95*
AMD A8-5545M APU	2584	1563	NA	NA
Intel Core i7-2630UM @ 1.60GHz	2584	1562	NA	NA
Intel Pentium G645 @ 2.90GHz	2588	1561	64.71	\$40.00
Intel Celeron G3900TE @ 2.30GHz	2591	1560	61.71	\$42.00*
AMD Athlon II X4 6400e	2594	1559	NA	NA
AMD Phenom 9450e Quad-Core	2599	1557	24.76	\$105.00*
Intel Pentium G2010 @ 2.80GHz	2599	1558	51.99	\$50.00
AMD A10-4655M APU	2605	1556	NA	NA
AMD A8-3550MX APU	2610	1554	NA	NA
AMD Athlon 5350 APU	2610	1555	22.03	\$118.51*
AMD A6-6420B APU	2612	1553	NA	NA
AMD A6 PRO-7400B	2621	1550	NA	NA
AMD Athlon II X3 450	2621	1552	68.97	\$38.01
Intel Core i3-2348M @ 2.30GHz	2621	1551	NA	NA
Intel Core i3-2350M @ 2.30GHz	2629	1549	82.48	\$31.88
AMD Opteron 1354	2630	1548	19.49	\$135.00*
AMD Phenom 9650 Quad-Core	2635	1547	58.64	\$44.95
AMD Opteron 2380	2640	1546	58.69	\$45.00
Intel Celeron J4105 @ 1.50GHz	2646	1545	24.74	\$107.00*
AMD Phenom II X3 715	2649	1544	31.17	\$84.99*
AMD Phenom II X920 Quad-Core	2650	1543	NA	NA
AMD Phenom II N830 3+1	2652	1542	NA	NA
AMD A8 PRO-7150B APU	2653	1540	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2653	1541	NA	NA
Intel Pentium G850 @ 2.90GHz	2662	1539	89.10	\$29.88
AMD A8-4500M APU	2665	1538	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X4 Quad-Core GP-9930	2673	1536	NA	NA
AMD A6-7310 APU	2673	1536	NA	NA
AMD Opteron 3320 EE	2675	1535	NA	NA
Intel Celeron G3900E @ 2.40GHz	2679	1534	25.05	\$107.00*
Intel Xeon E5504 @ 2.00GHz	2680	1533	38.32	\$69.95*
Intel Core i3-540 @ 3.07GHz	2684	1532	14.13	\$189.95
AMD Phenom X4 Quad-Core GP-9930	2690	1531	NA	NA
Intel Core i5-2557M @ 1.70GHz	2694	1530	NA	NA
AMD Phenom II X940 Quad-Core	2695	1529	NA	NA
AMD A6-3600 APU	2707	1528	117.76	\$22.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9750B Quad-Core	2709	1527	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1526	NA	NA
AMD Athlon II X4 605e	2716	1524	26.69	\$101.80*
Intel Core i7-620M @ 2.67GHz	2716	1525	24.69	\$110.01*
AMD PRO A6-9500E	2717	1523	36.73	\$74.00*
Intel Core i3-4030U @ 1.90GHz	2718	1522	NA	NA
AMD A6-7470K	2727	1521	20.52	\$132.91
AMD Phenom II X3 B73	2735	1519	36.47	\$75.00*
Intel Pentium G860 @ 3.00GHz	2735	1520	32.96	\$82.99
AMD Phenom II X4 B15e	2736	1518	NA	NA
Intel Xeon X3210 @ 2.13GHz	2740	1517	14.76	\$185.71*
Intel Pentium 1403 @ 2.60GHz	2742	1516	NA	NA
Intel Celeron G1820 @ 2.70GHz	2749	1515	63.95	\$42.99
AMD A8-7410 APU	2751	1514	NA	NA
Intel Pentium G2020 @ 2.90GHz	2753	1513	45.92	\$59.95*
Intel Xeon L5335 @ 2.00GHz	2756	1512	146.68	\$18.79*
AMD PRO A6-7350B	2759	1511	NA	NA
Intel Pentium G2100T @ 2.60GHz	2763	1510	NA	NA
AMD A10-5745M APU	2764	1509	NA	NA
AMD Athlon II X3 455	2765	1508	70.92	\$38.99*
AMD Opteron 1356	2765	1507	30.73	\$89.99*
Intel Celeron G3930T @ 2.70GHz	2766	1506	74.87	\$36.95
Intel E3000 @ 3.40GHz	2767	1505	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2370M @ 2.40GHz	2779	1503	69.82	\$39.81*
AMD A6-7400K APU	2783	1502	38.24	\$72.79
AMD Opteron 2373 EE	2789	1501	NA	NA
Intel Core i3-4025U @ 1.90GHz	2789	1500	NA	NA
AMD Phenom II X4 B05e	2792	1499	NA	NA
AMD A6-3620 APU	2793	1498	46.56	\$59.99*
AMD Athlon II X4 610e	2793	1497	39.92	\$69.99*
AMD A8-7100 APU	2797	1496	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1494	10.55	\$266.00*
Intel Core2 Quad Q8200 @ 2.33GHz	2806	1495	122.09	\$22.99*
AMD Phenom 9750 Quad-Core	2811	1493	95.33	\$29.49*
Intel Core i7-2617M @ 1.50GHz	2812	1492	NA	NA
Intel Pentium G870 @ 3.10GHz	2812	1491	29.00	\$97.00*
AMD Opteron 2356	2814	1490	54.12	\$52.00*
AMD Opteron 2350	2820	1488	35.28	\$79.95*
Intel Core M-5Y10c @ 0.80GHz	2820	1489	10.04	\$281.00*
AMD PRO A6-8570E	2824	1487	NA	NA
Intel Core i7-640M @ 2.80GHz	2828	1486	14.15	\$199.95
Intel Core i3-550 @ 3.20GHz	2829	1485	16.10	\$175.74
Intel Core M-5Y31 @ 0.90GHz	2832	1484	NA	NA
Intel Core i7-2677M @ 1.80GHz	2833	1483	NA	NA
Intel Xeon E5405 @ 2.00GHz	2835	1482	70.97	\$39.95*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1481	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1480	12.62	\$225.00*
Intel Pentium G3240T @ 2.70GHz	2840	1479	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G1840 @ 2.80GHz	2860	1478	28.61	\$99.98
AMD Athlon X4 620	2861	1477	47.74	\$59.95
AMD Athlon II X3 460	2864	1476	73.46	\$38.99*
Intel Pentium G2030 @ 3.00GHz	2867	1475	59.75	\$48.00
AMD Phenom II X4 900e	2882	1474	NA	NA
Intel Pentium G4400TE @ 2.40GHz	2885	1473	45.09	\$64.00*
AMD Phenom 9850 Quad-Core	2886	1471	24.06	\$119.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
AMD A6-9500E	2889	1470	39.85	\$72.50*
AMD Athlon X4 635	2891	1469	23.71	\$121.99*
AMD Phenom II X3 B75	2897	1467	72.45	\$39.99*
AMD Phenom X4 Quad-Core GP-9730	2897	1468	NA	NA
AMD Athlon II X4 615e	2899	1466	49.15	\$59.00*
Intel Core i7-2637M @ 1.70GHz	2900	1465	NA	NA
Intel Core i3-4110U @ 1.90GHz	2902	1463	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1464	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1462	NA	NA
AMD A10-7300 APU	2904	1460	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2904	1461	12.04	\$241.34
AMD A10-4657M APU	2906	1458	NA	NA
AMD Athlon II X4 620e	2906	1459	NA	NA
Intel Celeron G1850 @ 2.90GHz	2909	1457	36.38	\$79.99*
Intel Core M-5Y70 @ 1.10GHz	2912	1456	NA	NA
Intel Core i3-4158U @ 2.00GHz	2914	1455	NA	NA
AMD Athlon 5370 APU	2915	1454	45.77	\$63.70*
Intel Celeron G3900T @ 2.60GHz	2925	1453	26.01	\$112.46*
Six-Core AMD Opteron 2419 EE	2925	1452	NA	NA
AMD Athlon II X4 620	2928	1451	48.86	\$59.95
Intel Pentium 4405U @ 2.10GHz	2929	1450	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1449	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1448	32.56	\$89.99*
Intel Core i3-560 @ 3.33GHz	2935	1447	16.31	\$179.95
AMD Opteron 6134	2938	1446	66.81	\$43.99*
AMD Opteron 3250 HE	2942	1444	29.73	\$99.00*
AMD Opteron 4122	2942	1445	23.55	\$124.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2946	1443	73.71	\$39.98*
AMD Phenom FX-5200 Quad-Core	2948	1442	NA	NA
AMD PRO A6-9500	2950	1441	39.88	\$74.00*
AMD Opteron 2374 HE	2951	1440	45.40	\$65.00
AMD A8-5557M APU	2956	1439	NA	NA
Intel Pentium G3450T @ 2.90GHz	2967	1438	NA	NA
Intel Pentium G3250T @ 2.80GHz	2969	1437	33.00	\$89.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron G3930TE @ 2.70GHz	2970	1436	70.72	\$42.00*
Intel Core i5-4302Y @ 1.60GHz	2971	1434	NA	NA
Intel Xeon E5506 @ 2.13GHz	2975	1433	47.22	\$63.01*
Intel Core i3-5015U @ 2.10GHz	2976	1432	NA	NA
Intel Xeon X6550 @ 2.00GHz	2977	1431	NA	NA
Intel Core2 Quad Q8300 @ 2.50GHz	2979	1430	59.61	\$49.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2100T @ 2.50GHz	2980	1429	49.68	\$59.99*
AMD Phenom II X3 740	2985	1428	33.55	\$88.99*
AMD Phenom 7950 Quad-Core	2991	1427	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1426	10.65	\$281.00*
AMD Athlon II X4 655	2998	1425	NA	NA
AMD Phenom II X4 805	2998	1424	17.23	\$173.99*
AMD A8-5550M APU	3002	1423	NA	NA
AMD Phenom 2 X4 12000	3005	1422	NA	NA
Intel Core i7-720QM @ 1.60GHz	3008	1421	8.22	\$365.95*
Intel Pentium G3420T @ 2.70GHz	3008	1420	18.80	\$159.99*
AMD Phenom 9950 Quad-Core	3009	1419	22.30	\$134.99*
AMD A8-3800 APU	3010	1418	52.82	\$56.99*
Intel Xeon L5408 @ 2.13GHz	3014	1417	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1416	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3025	1415	10.77	\$281.00*
AMD A6-9500	3030	1414	55.81	\$54.30
AMD A6-8550	3032	1413	NA	NA
Intel Celeron G3930 @ 2.90GHz	3036	1412	33.89	\$89.59
Intel Celeron G3950 @ 3.00GHz	3049	1411	27.97	\$109.04
Intel Core i3-4120U @ 2.00GHz	3050	1410	NA	NA
Intel Xeon E5606 @ 2.13GHz	3054	1409	18.29	\$167.00*
AMD Opteron X2170 APU	3059	1408	NA	NA
Intel Core i3-5010U @ 2.10GHz	3059	1407	9.06	\$337.76*
AMD Opteron 1381	3065	1406	NA	NA
AMD Phenom II X3 B77	3067	1405	137.64	\$22.29*
AMD Opteron 2427	3069	1404	47.22	\$65.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-6006U @ 2.00GHz	3076	1402	NA	NA
Intel Pentium G2120 @ 3.10GHz	3079	1401	19.30	\$159.55*
AMD Phenom II X4 905e	3080	1400	57.06	\$53.99*
Intel Core i3-3110M @ 2.40GHz	3082	1399	38.55	\$79.95*
AMD A10-5757M APU	3084	1398	NA	NA
AMD PRO A6-8570	3088	1397	NA	NA
Intel Xeon X3220 @ 2.40GHz	3088	1396	51.35	\$60.15*
Intel Core i5-3317U @ 1.70GHz	3091	1395	13.74	\$225.00*
Intel Core i5-650 @ 3.20GHz	3095	1394	86.02	\$35.99
Intel Celeron G4900T @ 2.90GHz	3096	1393	73.72	\$42.00*
Intel Pentium G3440T @ 2.80GHz	3101	1392	NA	NA
AMD A8-3820 APU	3106	1391	24.86	\$124.99*
AMD A10-4600M APU	3115	1390	28.34	\$109.95
AMD A6-7480	3116	1389	70.86	\$43.99*
AMD R-464L APU	3117	1388	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1387	1.75	\$1,779.00*
AMD Phenom II X4 810	3120	1386	26.90	\$115.99*
Intel Pentium G3220 @ 3.00GHz	3125	1385	32.58	\$95.93
Intel Xeon E5507 @ 2.27GHz	3125	1384	6.84	\$456.91*
Intel Celeron G3920 @ 2.90GHz	3129	1383	27.45	\$113.99*
AMD Athlon II X4 630	3130	1382	49.73	\$62.95
Intel Celeron G3900 @ 2.80GHz	3131	1381	55.43	\$56.50
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A6-3650 APU	3140	1380	98.17	\$31.99*
AMD Athlon II X4 631 Quad-Core	3145	1379	39.32	\$80.00*
Intel Core i7-3517UE @ 1.70GHz	3150	1377	NA	NA
Intel Pentium 4415U @ 2.30GHz	3150	1378	NA	NA
AMD A10 PRO-7350B APU	3152	1376	NA	NA
Intel Core2 Quad Q9300 @ 2.50GHz	3152	1375	15.80	\$199.50*
Intel Pentium G3240 @ 3.10GHz	3153	1374	63.09	\$49.99
Intel Core i3-2120T @ 2.60GHz	3155	1373	126.28	\$24.99*
AMD Phenom 9850B Quad-Core	3160	1372	NA	NA
Intel Atom C2758 @ 2.40GHz	3162	1371	14.72	\$214.86*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
AMD A6-3670 APU	3164	1369	5.19	\$610.00*
AMD Opteron 4162 EE	3166	1368	NA	NA
Intel Pentium G4400T @ 2.90GHz	3167	1367	NA	NA
Intel Xeon X5355 @ 2.66GHz	3170	1366	10.23	\$309.95*
AMD Athlon X4 640	3172	1365	NA	NA
Intel Core i5-2410M @ 2.30GHz	3172	1364	44.07	\$72.00*
Intel Pentium 5405U @ 2.30GHz	3175	1363	19.72	\$161.00*
Intel Xeon X3323 @ 2.50GHz	3177	1362	164.14	\$19.36*
AMD Opteron 2378	3179	1361	17.76	\$179.00*
Intel Core i7-740QM @ 1.73GHz	3191	1360	19.95	\$159.95*
Intel Core i5-661 @ 3.33GHz	3194	1359	13.89	\$229.99
Intel Core i3-6102E @ 1.90GHz	3196	1358	14.20	\$225.00*
Intel Pentium 4417U @ 2.30GHz	3197	1357	19.86	\$161.00*
AMD Athlon II X4 638 Quad-Core	3198	1356	120.73	\$26.49*
Intel Core i3-5020U @ 2.20GHz	3198	1355	6.97	\$459.00*
Intel Pentium G2130 @ 3.20GHz	3200	1354	64.01	\$49.99*
Intel Core i3-4330TE @ 2.40GHz	3201	1353	NA	NA
AMD FX-7500 APU	3203	1352	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1350	NA	NA
Intel Core i7-820QM @ 1.73GHz	3220	1351	13.42	\$239.95*
Intel Core i3-3120M @ 2.50GHz	3226	1349	29.33	\$110.00*
Intel Core i5-3337U @ 1.80GHz	3228	1348	14.35	\$225.00*
Intel Core i7-2655LE @ 2.20GHz	3229	1347	NA	NA
AMD Athlon II X4 635	3231	1346	46.20	\$69.95
Intel Core i5-2435M @ 2.40GHz	3232	1345	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3236	1344	NA	NA
Intel Pentium G3250 @ 3.20GHz	3241	1343	13.92	\$232.84*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1342	8.40	\$385.89*
Intel Core i5-660 @ 3.33GHz	3246	1341	9.02	\$359.95*
AMD Phenom II X4 910	3247	1340	32.48	\$100.00*
AMD A8-8600P	3248	1339	NA	NA
AMD Phenom II X4 910e	3254	1338	20.73	\$156.99*
Intel Celeron G4920 @ 3.20GHz	3255	1337	42.56	\$76.50*
Intel Core i3-4000M @ 2.40GHz	3258	1336	16.29	\$199.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B25	3276	1332	NA	NA
Intel Xeon E5410 @ 2.33GHz	3261	1334	15.61	\$208.95*
Intel Core i3-7102E @ 2.10GHz	3266	1333	14.52	\$225.00*
AMD A8-6500T APU	3276	1332	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Quad Q6700 @ 2.66GHz	3278	1331	72.87	\$44.99*
Intel Core i5-4200U @ 1.60GHz	3281	1330	NA	NA
Intel Core i5-2430M @ 2.40GHz	3287	1329	36.93	\$89.02*
Intel Celeron G4900 @ 3.10GHz	3293	1328	55.92	\$58.89
AMD Phenom II X4 B25	3297	1327	NA	NA
Intel Core i5-2415M @ 2.30GHz	3303	1326	NA	NA
Intel Xeon X3320 @ 2.50GHz	3306	1325	14.41	\$229.50*
Intel Core i5-670 @ 3.47GHz	3309	1324	11.86	\$279.00*
Intel Core i5-2515E @ 2.50GHz	3313	1323	NA	NA
AMD Athlon II X4 640	3315	1322	41.47	\$79.95
Intel Core m3-7Y32 @ 1.10GHz	3318	1321	NA	NA
Intel Pentium G3440 @ 3.30GHz	3319	1320	20.75	\$159.94*
Intel Core2 Quad Q9400 @ 2.66GHz	3337	1319	69.48	\$48.03*
AMD A8-7200P	3338	1318	NA	NA
AMD A10-5750M APU	3339	1317	NA	NA
Intel Xeon X3330 @ 2.66GHz	3340	1316	15.91	\$210.00*
AMD Athlon II X4 641 Quad-Core	3343	1315	36.54	\$91.50*
Intel Atom C2750 @ 2.41GHz	3344	1313	NA	NA
Intel Xeon X3430 @ 2.40GHz	3344	1314	104.54	\$31.99*
AMD Phenom II X4 B93	3345	1312	NA	NA
Intel Core m5-6Y54 @ 1.10GHz	3349	1311	NA	NA
AMD Phenom II X4 B40	3352	1310	NA	NA
Intel Core i5-655K @ 3.20GHz	3353	1309	55.90	\$59.99*
Intel Pentium G3260 @ 3.30GHz	3356	1308	23.98	\$139.99*
Intel Xeon L5410 @ 2.33GHz	3358	1307	33.56	\$100.08*
Intel Xeon E5607 @ 2.27GHz	3371	1306	48.71	\$69.21*
Intel Core i5-4250U @ 1.30GHz	3373	1305	9.40	\$359.00*
Intel Pentium G2140 @ 3.30GHz	3377	1304	41.41	\$81.56
AMD Phenom II X4 B35	3387	1303	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 820	3389	1302	NA	NA
AMD Phenom II X4 820	3393	1300	45.28	\$74.95*
Intel Pentium G3420 @ 3.20GHz	3395	1298	54.29	\$62.55
Intel Pentium G3430 @ 3.30GHz	3395	1299	37.74	\$89.99*
Intel Xeon X3230 @ 2.66GHz	3397	1297	47.51	\$71.50*
Intel Core i5-2450M @ 2.50GHz	3401	1296	46.40	\$73.30*
Intel Core i5-4210U @ 1.70GHz	3404	1295	NA	NA
AMD Phenom II X4 925	3411	1294	77.56	\$43.99*
Intel Core i7-840QM @ 1.87GHz	3412	1293	11.77	\$289.97*
Intel Core2 Extreme Q9200 @ 2.40GHz	3415	1292	NA	NA
Intel Core i3-4100M @ 2.50GHz	3432	1291	15.71	\$218.57*
AMD Phenom II X4 830	3434	1290	42.95	\$79.95*
AMD A10-8700P	3440	1289	NA	NA
Quad-Core AMD Opteron 1385	3442	1288	63.75	\$54.00*
Quad-Core AMD Opteron 1389	3446	1287	NA	NA
Intel Core2 Extreme Q9300 @ 2.53GHz	3457	1286	NA	NA
AMD A8-3850 APU	3458	1285	32.73	\$105.68*
AMD Athlon II X4 645	3465	1284	43.35	\$79.95
Intel Core m7-6Y75 @ 1.20GHz	3466	1283	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B45	3470	1282	NA	NA
Intel Pentium G4500T @ 3.00GHz	3471	1281	NA	NA
AMD Athlon II X4 650	3482	1279	20.90	\$166.60*
Intel Xeon E5420 @ 2.50GHz	3482	1280	55.32	\$62.95*
Intel Core i5-2510E @ 2.50GHz	3483	1278	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1277	NA	NA
Intel Core i5-5200U @ 2.20GHz	3497	1276	12.45	\$281.00*
Intel Xeon L5420 @ 2.50GHz	3501	1275	127.32	\$27.50*
Intel Celeron G4930 @ 3.20GHz	3503	1274	56.56	\$61.95
AMD Phenom II X4 840	3508	1273	39.00	\$89.95
Intel Core i5-680 @ 3.60GHz	3513	1272	11.33	\$309.95
AMD PRO A8-8600B	3518	1271	NA	NA
Intel Core i5-5350U @ 1.80GHz	3520	1270	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core2 Quad Q9505 @ 2.83GHz	3520	1269	18.53	\$190.00*
Intel Core m3-7Y30 @ 1.00GHz	3522	1267	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1266	73.80	\$47.75*
Intel Xeon X5365 @ 3.00GHz	3524	1265	45.19	\$77.99*
Intel Core i3-7020U @ 2.30GHz	3525	1264	12.55	\$281.00*
AMD PRO A10-8700B	3530	1263	NA	NA
Intel Pentium G4400 @ 3.30GHz	3535	1262	44.47	\$79.50
AMD A8-3870K APU	3536	1261	23.63	\$149.67*
AMD Opteron 2384	3538	1259	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1260	NA	NA
Intel Core i7-3517U @ 1.90GHz	3540	1258	NA	NA
AMD Phenom II X4 850	3547	1256	54.59	\$64.99*
Intel Core i5-7Y54 @ 1.20GHz	3547	1257	NA	NA
Intel Core i5-3427U @ 1.80GHz	3550	1255	8.45	\$420.05*
AMD Athlon II X4 651 Quad-Core	3575	1254	20.08	\$178.04*
Intel Core i5-4260U @ 1.40GHz	3580	1253	NA	NA
Intel Pentium G3460 @ 3.50GHz	3584	1252	12.44	\$288.20*
AMD Phenom II X4 940	3588	1251	60.47	\$59.34*
Intel Xeon E5-2403 v2 @ 1.80GHz	3590	1250	161.73	\$22.20*
Intel Xeon E5-2603 @ 1.80GHz	3591	1249	75.05	\$47.85*
Intel Core i5-2520M @ 2.50GHz	3593	1248	21.19	\$169.60*
Intel Core i5-5250U @ 1.60GHz	3595	1247	8.14	\$441.89*
AMD Phenom II X4 840T	3596	1246	51.39	\$69.99*
Intel Core i3-6100U @ 2.30GHz	3604	1245	7.00	\$515.00*
AMD A10-7400P	3606	1244	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3606	1243	NA	NA
Intel Core i5-4350U @ 1.40GHz	3610	1242	NA	NA
Intel Core i3-3250T @ 3.00GHz	3614	1241	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1240	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3622	1239	2.42	\$1,495.95*
Intel Core i5-3437U @ 1.90GHz	3628	1238	NA	NA
AMD Phenom II X4 945	3652	1237	53.62	\$68.11
Intel Core2 Extreme Q6800 @ 2.93GHz	3655	1236	3.25	\$1,125.00*
AMD Opteron 4170 HE	3664	1235	62.11	\$59.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5157U @ 2.50GHz	3670	1233	NA	NA
AMD A10-9620P	3673	1232	NA	NA
AMD Phenom II X4 B95	3676	1229	50.40	\$72.95*
Intel Core i5-7Y57 @ 1.20GHz	3676	1230	NA	NA
Intel Core i7-4550U @ 1.50GHz	3676	1231	NA	NA
Intel Core i3-2100 @ 3.10GHz	3693	1228	76.56	\$48.24
AMD Phenom II X4 B50	3696	1226	NA	NA
Intel Core i3-3220T @ 2.80GHz	3696	1225	27.38	\$135.00
Intel Pentium G3450 @ 3.40GHz	3696	1227	36.97	\$99.99*
AMD A10-6700T APU	3705	1224	25.10	\$147.61*
Intel Core m3-8100Y @ 1.10GHz	3709	1223	13.20	\$281.00*
AMD A12-9700P	3712	1221	NA	NA
Intel Core i3-2105 @ 3.10GHz	3712	1222	32.29	\$114.99*
Intel Xeon L5430 @ 2.66GHz	3712	1220	23.51	\$157.95*
Intel Pentium G3470 @ 3.60GHz	3714	1219	35.62	\$104.29*
Intel Xeon L5506 @ 2.13GHz	3715	1218	16.59	\$224.00*
Intel Core i5-750 @ 2.67GHz	3719	1217	92.56	\$40.19*
Intel Core i7-920XM @ 2.00GHz	3727	1216	9.32	\$399.95*
Intel Core i3-2102 @ 3.10GHz	3736	1215	64.41	\$58.00*
Intel Core i7-7Y75 @ 1.30GHz	3738	1214	NA	NA
Intel Core i5-4300U @ 1.90GHz	3740	1213	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1212	NA	NA
AMD Phenom II X4 977	3750	1211	NA	NA
Intel Xeon E5430 @ 2.66GHz	3751	1210	24.21	\$154.95
Intel Core i5-2560M @ 2.70GHz	3752	1209	NA	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3757	1208	105.24	\$35.70*
AMD Phenom II X4 973	3759	1207	NA	NA
Intel Core i3-7100U @ 2.40GHz	3760	1206	10.45	\$359.99
Intel Xeon L3360 @ 2.83GHz	3764	1205	42.18	\$89.23*
AMD A10-9600P	3766	1203	NA	NA
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1204	39.45	\$95.47
Intel Atom C2750 @ 2.40GHz	3768	1202	16.24	\$232.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 960T	3772	1200	8.04	\$469.00
Intel Core i5-4310U @ 2.00GHz	3782	1199	NA	NA
Intel Core i5-2540M @ 2.60GHz	3783	1198	65.20	\$58.02
Intel Core i7-4500U @ 1.80GHz	3785	1197	NA	NA
Intel Pentium G4500 @ 3.50GHz	3792	1196	38.15	\$99.39
Intel Core i7-3537U @ 2.00GHz	3810	1195	NA	NA
AMD Opteron 8439 SE	3813	1193	63.56	\$60.00*
Intel Pentium D1508 @ 2.20GHz	3813	1194	29.56	\$129.00*
AMD Athlon II X4 553	3814	1192	NA	NA
Intel Core i3-6157U @ 2.40GHz	3819	1191	NA	NA
Intel Xeon X3350 @ 2.66GHz	3820	1190	63.69	\$59.99*
Intel Core i5-4570TE @ 2.70GHz	3827	1189	19.14	\$199.99*
Intel Core i5-3210M @ 2.50GHz	3829	1188	56.11	\$68.24*
AMD Athlon II X4 555	3830	1187	NA	NA
Intel Xeon L7455 @ 2.13GHz	3836	1186	NA	NA
Intel Core i7-2620M @ 2.70GHz	3842	1185	22.63	\$169.81*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5300U @ 2.30GHz	3845	1184	7.08	\$543.39*
Intel Core i7-5550U @ 2.00GHz	3851	1183	NA	NA
AMD Phenom II X4 B55	3853	1181	NA	NA
Intel Xeon X3353 @ 2.66GHz	3853	1182	52.43	\$73.50*
Intel Core i3-4110M @ 2.60GHz	3854	1180	NA	NA
Intel Core i3-21050 @ 3.10GHz	3862	1179	NA	NA
Intel Pentium G3258 @ 3.20GHz	3865	1178	55.23	\$69.98
AMD Phenom II X4 B97	3866	1177	67.85	\$56.99*
Intel Xeon E5462 @ 2.80GHz	3872	1176	141.84	\$27.30*
AMD Phenom II X4 955	3916	1175	30.09	\$130.16*
Intel Core i7-4510U @ 2.00GHz	3916	1174	NA	NA
Intel Core i7-940XM @ 2.13GHz	3921	1173	NA	NA
Intel Core i7-2640M @ 2.80GHz	3924	1172	32.76	\$119.81
Intel Xeon X3360 @ 2.83GHz	3925	1171	24.85	\$157.95*
Intel Core i5-3610ME @ 2.70GHz	3929	1170	NA	NA
Intel Core i3-2120 @ 3.30GHz	3932	1169	98.33	\$39.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L3426 @ 1.87GHz	3943	1167	8.82	\$447.01*
AMD Phenom Ultra X4 24500	3945	1164	NA	NA
Intel Core i5-3230M @ 2.60GHz	3945	1166	18.15	\$217.42*
Intel Core i7-8500Y @ 1.50GHz	3945	1165	10.04	\$393.00*
Intel Core i5-4402E @ 1.60GHz	3947	1163	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	1162	NA	NA
Intel Core i7-4650U @ 1.70GHz	3950	1161	NA	NA
AMD PRO A10-8730B	3953	1160	NA	NA
Intel Xeon E5440 @ 2.83GHz	3956	1159	39.96	\$99.00*
AMD FX-9800P	3961	1158	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3961	1157	89.05	\$44.49*
AMD PRO A8-9600B	3964	1156	NA	NA
Intel Core i7-3555LE @ 2.50GHz	3966	1155	NA	NA
Intel Core i7-3667U @ 2.00GHz	3975	1154	NA	NA
Intel Core i7-5500U @ 2.40GHz	3981	1153	NA	NA
Intel Xeon X3363 @ 2.83GHz	3982	1152	116.82	\$34.09*
AMD A12-9720P	3990	1151	NA	NA
Intel Pentium G4560T @ 2.90GHz	3990	1150	36.28	\$109.99*
AMD A8-5500 APU	3999	1149	70.79	\$56.50*
Intel Xeon X5472 @ 3.00GHz	4001	1148	17.78	\$225.00*
Intel Core i5-6200U @ 2.30GHz	4011	1147	NA	NA
Intel Core i3-2125 @ 3.30GHz	4015	1146	19.40	\$207.00*
AMD Phenom II X4 B60	4032	1145	NA	NA
AMD Athlon X4 740 Quad Core	4033	1144	14.56	\$277.00*
Intel Core i5-4200M @ 2.50GHz	4038	1143	49.79	\$81.12*
Intel Core i3-3210 @ 3.20GHz	4044	1142	20.33	\$199.00*
AMD A8-5500B APU	4050	1140	NA	NA
AMD FX-7600P	4050	1141	NA	NA
Intel Core i3-7130U @ 2.70GHz	4062	1139	8.83	\$459.99*
Intel Core i3-2130 @ 3.40GHz	4072	1138	66.77	\$60.99
AMD FX-4100 Quad-Core	4075	1137	26.56	\$153.45*
Intel Xeon E5472 @ 3.00GHz	4085	1136	136.02	\$30.04*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-4258U @ 2.40GHz	4096	1134	NA	NA
Intel Core i7-4600U @ 2.10GHz	4102	1133	NA	NA
Intel Xeon X5450 @ 3.00GHz	4107	1132	68.50	\$59.96*
AMD PRO A12-8800B	4111	1131	NA	NA
Intel Core i7-3687U @ 2.10GHz	4123	1130	NA	NA
AMD Athlon II X4 559	4125	1129	NA	NA
AMD Phenom II X4 B99	4126	1128	NA	NA
Intel Core i5-3320M @ 2.60GHz	4133	1127	59.21	\$69.81*
Intel Core i5-6198DU @ 2.30GHz	4149	1126	NA	NA
Intel Core i3-4130T @ 2.90GHz	4152	1125	46.67	\$88.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4153	1124	38.07	\$109.11
Intel Core2 Extreme X9650 @ 3.00GHz	4157	1123	4.83	\$859.99*
AMD FX-4130 Quad-Core	4162	1122	54.78	\$75.99*
AMD Phenom II X4 B65	4172	1121	NA	NA
AMD Phenom II X4 965	4177	1120	49.72	\$84.01*
Intel Xeon E5450 @ 3.00GHz	4179	1119	13.98	\$298.94*
Intel Pentium G4520 @ 3.60GHz	4184	1118	38.05	\$109.98*
AMD Opteron 3350 HE	4186	1117	NA	NA
Intel Core i3-6100H @ 2.70GHz	4188	1115	NA	NA
Intel Xeon E5-2407 @ 2.20GHz	4188	1116	49.32	\$84.92*
AMD FX-8800P	4197	1114	NA	NA
Intel Core i5-4210M @ 2.60GHz	4213	1113	13.59	\$309.95*
AMD A10-5700 APU	4214	1112	65.35	\$64.50*
Intel Core i5-4308U @ 2.80GHz	4219	1111	NA	NA
Intel Core i5-2390T @ 2.70GHz	4223	1110	42.27	\$99.90*
Intel Core i3-4150T @ 3.00GHz	4227	1108	18.39	\$229.95*
Intel Core i5-8210Y @ 1.60GHz	4227	1109	NA	NA
Intel Core i7-5650U @ 2.20GHz	4242	1107	NA	NA
Intel Core i3-3220 @ 3.30GHz	4247	1106	77.24	\$54.99
Intel Core i5-3340M @ 2.70GHz	4252	1105	53.19	\$79.95*
AMD PRO A12-8830B	4259	1104	NA	NA
AMD Phenom II X4 B70	4261	1103	NA	NA
Intel Pentium G4600T @ 3.00GHz	4266	1102	24.06	\$177.28*
AMD FX-4200 Quad-Core	4270	1101	18.71	\$228.21*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X4 750K Quad Core	4273	1099	55.50	\$76.99*
Intel Xeon X3370 @ 3.00GHz	4293	1098	11.70	\$367.02*
Intel Core i3-4350T @ 3.10GHz	4302	1097	NA	NA
Intel Core i5-4288U @ 2.60GHz	4303	1096	NA	NA
AMD Phenom II X4 970	4313	1095	29.12	\$148.11*
Intel Core i3-6100TE @ 2.70GHz	4315	1094	NA	NA
Intel Core i3-3240 @ 3.40GHz	4318	1093	86.36	\$50.00
Intel Xeon X5460 @ 3.16GHz	4321	1092	43.31	\$99.78*
Intel Xeon L5520 @ 2.27GHz	4324	1091	337.35	\$12.82*
Intel Core i3-2140 @ 3.50GHz	4325	1090	NA	NA
Intel Core i7-5600U @ 2.60GHz	4328	1089	NA	NA
Intel Core i7-4560U @ 1.60GHz	4329	1088	NA	NA
Intel Xeon L5630 @ 2.13GHz	4338	1087	206.69	\$20.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-8200Y @ 1.30GHz	4339	1086	14.91	\$291.00*
AMD A8-5600K APU	4341	1085	18.94	\$229.30
Intel Core i3-3225 @ 3.30GHz	4346	1083	13.37	\$324.99
Intel Pentium Gold G5500T @ 3.20GHz	4346	1084	57.95	\$75.00*
Intel Core i5-6260U @ 1.80GHz	4359	1082	12.14	\$358.99
AMD RX-427BB	4364	1081	NA	NA
Intel Core i5-6300U @ 2.40GHz	4365	1080	NA	NA
Intel Core i5-4278U @ 2.60GHz	4371	1079	NA	NA
Intel Xeon E5520 @ 2.27GHz	4377	1078	90.24	\$48.51*
AMD PRO A10-9700B	4380	1077	NA	NA
Intel Xeon L5530 @ 2.40GHz	4389	1076	227.93	\$19.26*
AMD A8-6500 APU	4395	1075	46.27	\$94.99*
Intel Core i7-4558U @ 2.80GHz	4401	1074	NA	NA
Intel Core i5-5257U @ 2.70GHz	4413	1073	NA	NA
AMD A12-9730P	4417	1072	NA	NA
AMD Opteron 4184	4418	1071	8.50	\$519.95*
Intel Core i7-6500U @ 2.50GHz	4418	1070	11.24	\$393.00*
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	1069	NA	NA
Intel Core i5-3360M @ 2.80GHz	4438	1068	47.83	\$92.81*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded V1202B	4447	1066	NA	NA
AMD Phenom II X4 975	4448	1065	31.85	\$139.69*
Intel Core i5-4300M @ 2.60GHz	4449	1064	NA	NA
Intel Core i3-3250 @ 3.50GHz	4452	1063	63.60	\$70.00
Intel Core i5-4200H @ 2.80GHz	4462	1062	NA	NA
Intel Core i3-4160T @ 3.10GHz	4465	1061	29.77	\$149.99*
Intel Core i3-3245 @ 3.40GHz	4467	1060	25.97	\$172.01
Intel Core i7-6498DU @ 2.50GHz	4470	1059	NA	NA
AMD A10-9630P	4474	1058	NA	NA
Intel Core i3-4330T @ 3.00GHz	4485	1057	NA	NA
AMD Phenom II X4 980	4488	1056	19.52	\$229.99*
Intel Core i3-4170T @ 3.20GHz	4489	1055	21.38	\$209.95*
Intel Core i5-3470T @ 2.90GHz	4491	1054	14.54	\$308.95*
Intel Xeon E5530 @ 2.40GHz	4494	1053	345.72	\$13.00*
Intel Core2 Extreme X9750 @ 3.16GHz	4504	1052	NA	NA
AMD Opteron 6128	4505	1051	237.24	\$18.99
Intel Xeon E5-2637 @ 3.00GHz	4508	1050	5.09	\$885.00*
Intel Xeon X3440 @ 2.53GHz	4510	1049	31.78	\$141.96*
AMD Opteron 2431	4516	1048	112.91	\$40.00*
Intel Xeon X5482 @ 3.20GHz	4528	1047	45.29	\$99.99*
Intel Core i5-4210H @ 2.90GHz	4532	1046	NA	NA
AMD FirePro A320 APU	4540	1045	NA	NA
Intel Core i7-3520M @ 2.90GHz	4547	1044	34.45	\$132.02*
Intel Core i5-4400E @ 2.70GHz	4548	1043	17.10	\$266.00*
AMD FX-670K Quad-Core	4550	1042	NA	NA
AMD Athlon X4 750 Quad Core	4551	1040	NA	NA
Intel Core i5-4330M @ 2.80GHz	4551	1041	16.55	\$274.99*
Intel Core 860 @ 2.80GHz	4555	1039	28.65	\$159.00*
Intel Core i5-7200U @ 2.50GHz	4561	1038	16.23	\$281.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Embedded R1505G	4578	1036	NA	NA
Intel Xeon X5470 @ 3.33GHz	4578	1037	24.22	\$189.00*
AMD Ryzen 3 2200U	4586	1035	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
AMD FX-4150 Quad-Core	4594	1033	NA	NA
AMD Athlon X4 760K Quad Core	4596	1032	109.49	\$41.98*
Intel Xeon X3380 @ 3.16GHz	4600	1031	9.02	\$509.95*
AMD A10-6700 APU	4607	1030	39.38	\$116.99*
Intel Core2 Extreme X9770 @ 3.20GHz	4608	1029	2.86	\$1,608.95*
AMD Ryzen 3 3200U	4609	1028	NA	NA
AMD FX-B4150 Quad-Core	4611	1027	NA	NA
AMD A10-5800B APU	4614	1026	NA	NA
AMD A8-6500B APU	4616	1025	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4616	1024	165.13	\$27.96*
AMD FX-7600P APU	4627	1022	NA	NA
Intel Core i3-7100H @ 3.00GHz	4627	1023	20.57	\$225.00*
AMD Opteron 6136	4631	1021	42.10	\$110.00*
AMD Athlon 300U	4634	1020	NA	NA
AMD Embedded R-Series RX-421BD	4635	1019	NA	NA
Intel Core i3-4360T @ 3.20GHz	4636	1018	NA	NA
Intel Core2 Extreme X9775 @ 3.20GHz	4646	1017	2.57	\$1,805.95*
Intel Core i5-2500T @ 2.30GHz	4647	1016	51.64	\$89.99*
AMD A10-5800K APU	4649	1015	31.00	\$149.99*
Intel Core i5-4310M @ 2.70GHz	4657	1014	NA	NA
AMD Opteron X3418 APU	4659	1013	NA	NA
AMD Phenom II X6 1035T	4664	1012	24.68	\$189.00*
Intel Core i7-3540M @ 3.00GHz	4671	1011	10.87	\$429.95*
Intel Core i5-6360U @ 2.00GHz	4686	1010	NA	NA
AMD FX-4300 Quad-Core	4697	1009	29.92	\$156.97
Intel Core i5-5287U @ 2.90GHz	4700	1008	NA	NA
AMD Athlon X4 830	4701	1007	NA	NA
AMD Opteron 2435	4708	1006	72.44	\$65.00
AMD A10-6790K APU	4718	1005	49.68	\$94.99*
Intel Xeon E5-2407 v2 @ 2.40GHz	4724	1004	13.13	\$359.95
AMD A8 PRO-7600B APU	4740	1003	NA	NA
AMD A10-9700E	4747	1001	32.76	\$144.91
Intel Xeon E5540 @ 2.53GHz	4747	1002	80.46	\$59.00*
Intel Xeon X3450 @ 2.67GHz	4748	1000	59.39	\$79.95*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7167U @ 2.80GHz	4757	998	NA	NA
AMD PRO A12-9800E	4769	997	28.22	\$169.00*
Intel Xeon E5620 @ 2.40GHz	4770	996	80.87	\$58.99*
Intel Core i7-4578U @ 3.00GHz	4780	995	NA	NA
AMD FX-9830P	4783	994	NA	NA
AMD Phenom II X6 1045T	4794	993	44.39	\$108.01*
Intel Core i7-6600U @ 2.60GHz	4801	992	NA	NA
Intel Core i3-8121U @ 2.20GHz	4802	991	NA	NA
Intel Core i3-4130 @ 3.40GHz	4803	990	53.38	\$89.99
AMD FX-770K Quad-Core	4811	989	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4570T @ 2.90GHz	4819	987	32.13	\$149.99*
Intel Core i7-6560U @ 2.20GHz	4819	988	NA	NA
AMD A10-6800B APU	4822	986	NA	NA
Intel Core i7-870S @ 2.67GHz	4849	985	NA	NA
Intel Atom C3858 @ 2.00GHz	4852	984	14.62	\$332.00*
Intel Core i3-6100T @ 3.20GHz	4858	983	35.99	\$134.99*
AMD A10-6800K APU	4860	981	55.38	\$87.76*
Intel Pentium G4560 @ 3.50GHz	4860	982	43.19	\$112.52
AMD Opteron 6274	4865	980	108.15	\$44.99
Intel Xeon X5492 @ 3.40GHz	4865	979	3.50	\$1,391.29*
AMD FX-4170 Quad-Core	4869	978	48.70	\$99.99*
Intel Core i3-4370T @ 3.30GHz	4870	977	35.29	\$138.00*
Intel Core i5-4340M @ 2.90GHz	4882	976	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	4884	975	76.31	\$64.00*
AMD Opteron X3421 APU	4886	974	NA	NA
Intel Core i5-6267U @ 2.90GHz	4893	973	NA	NA
Intel Core i3-4150 @ 3.50GHz	4901	972	49.51	\$99.00
Intel Core i7-4600M @ 2.90GHz	4908	971	NA	NA
Intel Core i7-920 @ 2.67GHz	4912	970	119.82	\$41.00
Intel Core i7-860S @ 2.53GHz	4919	969	24.60	\$199.99*
Intel Core i7-4610M @ 3.00GHz	4920	968	NA	NA
Intel Core i5-24050S @ 2.50GHz	4928	967	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4570T @ 2.90GHz	4934	965	NA	NA
Intel Xeon W3520 @ 2.67GHz	4940	964	102.92	\$48.00*
AMD Athlon 200GE	4952	963	83.96	\$58.99
Intel Core i7-5557U @ 3.10GHz	4954	962	7.03	\$705.00*
AMD Phenom II X6 1055T	4965	961	45.53	\$109.05*
AMD A8-9600	4968	960	69.98	\$70.99
AMD A10-7800 APU	4973	959	48.11	\$103.39*
Intel Core i7-6650U @ 2.20GHz	4978	958	NA	NA
Intel Core i5-4460T @ 1.90GHz	4980	957	NA	NA
Intel Core i3-4350 @ 3.60GHz	4990	956	29.36	\$169.99*
Intel Core i5-2400S @ 2.50GHz	4991	955	27.42	\$182.00
AMD A10 PRO-7800B APU	4997	954	NA	NA
AMD FX-4320	5011	953	NA	NA
Intel Core i3-8130U @ 2.20GHz	5014	951	17.85	\$281.00*
Intel Xeon E5-4603 @ 2.00GHz	5014	952	89.27	\$56.17*
AMD PRO A8-8670E	5015	950	NA	NA
Intel Core i7-860 @ 2.80GHz	5020	949	17.32	\$289.95*
AMD FX-870K Quad Core	5021	948	NA	NA
AMD Opteron 4365 EE	5025	947	NA	NA
AMD Phenom II X6 1065T	5028	946	NA	NA
AMD PRO A10-8770E	5035	945	NA	NA
AMD Phenom II X6 1405T	5042	944	NA	NA
AMD A10-7860K	5045	943	28.83	\$175.00*
Intel Core i3-4160 @ 3.60GHz	5049	941	56.12	\$89.99
Intel Core i3-7100T @ 3.40GHz	5049	942	34.39	\$146.84
Intel Core i5-7267U @ 3.10GHz	5052	940	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5630 @ 2.53GHz	5055	939	144.43	\$35.00*
AMD A8-7600 APU	5062	938	34.45	\$146.94*
AMD A10-8750	5064	937	NA	NA
AMD PRO A10-9700E	5066	936	36.45	\$139.00*
AMD Embedded R-Series RX-418GD Radeon R6	5068	935	NA	NA
AMD Athlon X4 840	5070	934	64.40	\$78.74*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-2405S @ 2.50GHz	5082	932	24.44	\$208.00*
AMD A8-7670K	5083	931	31.56	\$161.10*
AMD A12-9800E	5087	930	38.72	\$131.38
Intel Core i3-4330 @ 3.50GHz	5087	929	12.72	\$399.95
Intel Core i7-7600U @ 2.80GHz	5110	928	NA	NA
AMD Ryzen 3 PRO 2100GE	5113	927	NA	NA
AMD A10-7700K APU	5118	926	40.79	\$125.47*
Intel Core i7-7500U @ 2.70GHz	5120	925	NA	NA
Intel Core i7-930 @ 2.80GHz	5130	924	46.65	\$109.99
Intel Xeon X3460 @ 2.80GHz	5147	923	14.42	\$357.00*
Intel Core i5-7300U @ 2.60GHz	5148	922	10.38	\$495.98
Intel Pentium Gold G5420T @ 3.20GHz	5156	921	80.57	\$64.00*
Intel Core i3-7101TE @ 3.40GHz	5160	919	44.11	\$117.00*
Intel Xeon E5-2609 v2 @ 2.50GHz	5160	920	166.51	\$30.99
AMD Athlon PRO 200GE	5163	918	NA	NA
Intel Xeon E5-2603 v3 @ 1.60GHz	5179	917	77.05	\$67.23*
AMD PRO A12-8870E	5186	916	NA	NA
Intel Core i3-4170 @ 3.70GHz	5189	915	19.45	\$266.79
Intel Pentium Gold G5500 @ 3.80GHz	5195	914	30.57	\$169.94*
Intel Xeon E5-2418L @ 2.00GHz	5202	913	NA	NA
Intel Pentium G4620 @ 3.70GHz	5215	911	45.89	\$113.66*
Intel Xeon W3530 @ 2.80GHz	5215	912	17.74	\$293.95*
AMD PRO A8-8650B	5223	909	NA	NA
Intel Pentium Gold G5400 @ 3.70GHz	5223	910	80.38	\$64.99
AMD Athlon X4 950	5232	908	52.35	\$99.95
AMD Athlon 220GE	5242	907	75.34	\$69.58
Intel Core i3-4340 @ 3.60GHz	5245	906	30.86	\$169.99*
Intel Core i3-6300T @ 3.30GHz	5247	905	33.86	\$154.99*
Intel Xeon E5640 @ 2.67GHz	5250	904	187.60	\$27.99*
AMD Opteron 6172	5261	903	26.57	\$198.00*
Intel Xeon X5550 @ 2.67GHz	5270	902	17.29	\$304.85*
AMD PRO A8-9600	5277	901	44.35	\$119.00*
AMD Athlon X4 870K	5320	900	66.52	\$79.99*
Intel Xeon D-1518 @ 2.20GHz	5322	899	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-4330	5328	897	NA	NA
Intel Core i7-940 @ 2.93GHz	5332	896	51.27	\$103.99*
Intel Xeon X3470 @ 2.93GHz	5336	895	33.37	\$159.95*
Intel Core i7-870 @ 2.93GHz	5338	894	59.33	\$89.99
AMD FX-4350 Quad-Core	5340	893	12.42	\$430.00
AMD A8-7680	5350	892	89.19	\$59.99*
AMD Opteron 6164 HE	5351	891	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2300 @ 2.80GHz	5365	889	67.08	\$79.99*
Intel Core i7-2715QE @ 2.10GHz	5365	890	NA	NA
Intel Core i3-7300T @ 3.50GHz	5369	888	29.57	\$181.59*
AMD A10-9700	5379	887	63.15	\$85.19
AMD A10 PRO-7850B APU	5380	886	NA	NA
Intel Core i5-2500S @ 2.70GHz	5386	885	82.57	\$65.24
Intel Core i3-6098P @ 3.60GHz	5387	884	40.28	\$133.74*
AMD Athlon 3000G	5389	882	NA	NA
Intel Xeon X5560 @ 2.80GHz	5389	883	158.56	\$33.99*
Intel Xeon W3540 @ 2.93GHz	5399	881	271.06	\$19.92*
Intel Pentium Gold G5420 @ 3.80GHz	5403	880	73.04	\$73.99
AMD FX-6100 Six-Core	5405	879	20.95	\$258.00*
AMD Athlon X4 845	5408	878	101.80	\$53.13*
AMD Athlon X4 860K	5410	877	40.09	\$134.95*
Intel Core i7-875K @ 2.93GHz	5416	876	16.89	\$320.76
Intel Core i3-4360 @ 3.70GHz	5446	875	21.03	\$259.00*
AMD A8-8650	5465	873	NA	NA
AMD Opteron 6176 SE	5465	874	34.37	\$159.00*
AMD A10-7850K APU	5468	872	32.68	\$167.33*
AMD PRO A10-8750B	5473	871	NA	NA
AMD A10-7870K	5476	870	24.13	\$226.99*
Intel Core i7-2635QM @ 2.00GHz	5478	869	NA	NA
Intel Core i3-6100 @ 3.70GHz	5484	868	43.91	\$124.90
AMD Athlon 240GE	5485	867	68.83	\$79.70
Intel Core i3-8145U @ 2.10GHz	5501	866	19.58	\$281.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-880 @ 3.07GHz	5505	864	9.44	\$583.00*
Intel Core i7-2630QM @ 2.00GHz	5522	863	53.72	\$102.81*
AMD Opteron 3280	5533	862	20.26	\$273.18*
Intel Core i5-2310 @ 2.90GHz	5537	861	29.72	\$186.33*
Intel Core i7-950 @ 3.07GHz	5538	860	138.49	\$39.99
Intel Core i7-2675QM @ 2.20GHz	5546	859	NA	NA
AMD Athlon PRO 300GE	5557	858	NA	NA
AMD Phenom II X6 1090T	5559	857	36.09	\$154.04*
Intel Xeon W3550 @ 3.07GHz	5565	856	185.59	\$29.99*
Intel Pentium Gold G5600 @ 3.90GHz	5570	855	55.48	\$100.40
AMD Athlon X4 880K	5572	854	55.73	\$99.99*
Intel Xeon E5-1603 @ 2.80GHz	5578	853	279.36	\$19.97*
Intel Core i7-6567U @ 3.30GHz	5582	852	NA	NA
AMD A12-9800	5584	851	37.67	\$148.24*
AMD PRO A10-9700	5599	850	33.13	\$169.00*
AMD A10-8850	5604	849	NA	NA
AMD Opteron 4332 HE	5614	848	NA	NA
Intel Xeon X5570 @ 2.93GHz	5615	847	23.40	\$239.95*
Intel Core i3-4370 @ 3.80GHz	5617	845	18.18	\$309.00*
Intel Core i5-6400T @ 2.20GHz	5617	846	21.61	\$259.95*
Intel Xeon L5638 @ 2.00GHz	5622	844	80.43	\$69.90*
Intel Core i5-4590T @ 2.00GHz	5626	843	26.80	\$209.95*
Intel Core i5-7260U @ 2.20GHz	5638	842	10.11	\$557.79
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon Bronze 3104 @ 1.70GHz	5646	841	23.58	\$239.50
Intel Core i5-7287U @ 3.30GHz	5656	840	NA	NA
Intel Xeon X3480 @ 3.07GHz	5658	839	NA	NA
Intel Core i5-3330S @ 2.70GHz	5677	838	59.77	\$94.99*
AMD A10-7890K	5706	836	28.53	\$199.99*
AMD Phenom II X6 1100T	5706	837	32.15	\$177.49*
AMD PRO A10-8770	5707	835	NA	NA
Intel Pentium Gold G5600F @ 3.90GHz	5736	834	NA	NA
Intel Core i5-2380P @ 3.10GHz	5743	833	31.91	\$180.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon D-1520 @ 2.20GHz	5755	831	NA	NA
ZHAOXIN KaiXian KX-U6780A@2.7GHz	5760	830	NA	NA
Intel Core i3-10110U @ 2.10GHz	5763	829	NA	NA
Intel Core i7-2710QE @ 2.10GHz	5768	828	NA	NA
Intel Core i7-7560U @ 2.40GHz	5769	827	NA	NA
Intel Core i5-2320 @ 3.00GHz	5775	826	62.10	\$93.00
Intel Xeon W3565 @ 3.20GHz	5775	825	288.94	\$19.99*
AMD Opteron 6212	5776	824	192.62	\$29.99*
Intel Core i3-7100 @ 3.90GHz	5776	823	45.13	\$128.00
Intel Core i7-960 @ 3.20GHz	5794	822	16.10	\$360.00*
Intel Core i5-3335S @ 2.70GHz	5795	821	NA	NA
Intel Xeon X5647 @ 2.93GHz	5797	820	290.91	\$19.93*
Intel Xeon W5580 @ 3.20GHz	5836	819	84.59	\$68.99
Intel Core i3-6300 @ 3.80GHz	5843	818	18.85	\$309.99
Intel Core i5-3340S @ 2.80GHz	5846	817	38.98	\$149.99*
Intel Pentium Gold G5620 @ 4.00GHz	5848	816	NA	NA
Intel Core i7-965 @ 3.20GHz	5850	815	5.80	\$1,008.95
AMD PRO A10-8850B	5852	814	NA	NA
Intel Core i5-7360U @ 2.30GHz	5855	813	NA	NA
Intel Xeon E5-1607 @ 3.00GHz	5871	812	210.09	\$27.95*
Intel Core i7-2670QM @ 2.20GHz	5878	811	42.29	\$139.00*
AMD FX-8100 Eight-Core	5884	810	41.44	\$142.00*
Intel Core i5-7442EQ @ 2.10GHz	5901	809	23.60	\$250.00*
Intel Xeon E5-2609 v3 @ 1.90GHz	5901	808	55.66	\$106.03
Intel Core i5-3570T @ 2.30GHz	5914	807	NA	NA
AMD Opteron 6234	5938	806	198.27	\$29.95*
Intel Core i5-3330 @ 3.00GHz	5954	805	29.79	\$199.88
Intel Xeon E3-1265L @ 2.40GHz	5961	804	6.49	\$918.35*
Intel Core i5-4430S @ 2.70GHz	5969	803	37.31	\$159.99*
Intel Core i5-2400 @ 3.10GHz	5974	802	112.73	\$53.00
Intel Core i7-7660U @ 2.50GHz	5986	801	NA	NA
Intel Xeon W3570 @ 3.20GHz	6032	800	12.57	\$479.95*
Intel Core i3-1005G1 @ 1.20GHz	6034	799	21.48	\$281.00*
Intel Core i3-6320 @ 3.90GHz	6049	798	14.86	\$407.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	6088	795	NA	NA
Intel Core i3-8109U @ 3.00GHz	6088	796	NA	NA
Intel Xeon W5590 @ 3.33GHz	6088	794	2.43	\$2,508.95*
Intel Core i5-6300HQ @ 2.30GHz	6097	793	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 4334	6099	791	28.18	\$216.42*
Intel Core i7-975 @ 3.33GHz	6099	792	14.88	\$409.92*
Intel Core i5-3340 @ 3.10GHz	6102	789	20.83	\$293.01*
Intel Xeon E3-1225 @ 3.10GHz	6102	790	95.37	\$63.99
Intel Core i7-2720QM @ 2.20GHz	6106	788	19.76	\$309.00*
AMD FX-6200 Six-Core	6108	787	17.97	\$339.95
AMD Ryzen 3 2300U	6118	786	NA	NA
AMD PRO A12-9800	6132	785	36.29	\$169.00*
AMD FX-8140 Eight-Core	6133	784	NA	NA
AMD Ryzen 3 3300U	6143	783	NA	NA
Intel Core i5-2450P @ 3.20GHz	6149	782	68.34	\$89.99*
Intel Core i5-3350P @ 3.10GHz	6155	780	41.04	\$149.99*
Intel Core i5-4670T @ 2.30GHz	6155	781	23.76	\$259.02*
AMD Opteron 6174	6171	779	94.94	\$65.00
Intel Xeon W3580 @ 3.33GHz	6183	778	28.83	\$214.50*
Intel Xeon X5667 @ 3.07GHz	6198	777	265.70	\$23.33*
AMD FX-6130 Six-Core	6215	776	NA	NA
Intel Xeon E5-1603 v3 @ 2.80GHz	6216	775	62.17	\$99.99*
Intel Xeon E5-1607 v2 @ 3.00GHz	6217	774	177.91	\$34.95*
Intel Xeon L5640 @ 2.27GHz	6232	773	74.77	\$83.36*
Intel Core i5-3450S @ 2.80GHz	6233	772	42.99	\$145.01*
Intel Xeon E3-1260L @ 2.40GHz	6240	771	111.40	\$56.02
Intel Xeon E3-1220 @ 3.10GHz	6256	770	130.34	\$48.00
Intel Core i5-4440S @ 2.80GHz	6270	769	13.54	\$462.97*
Intel Core i5-6440EQ @ 2.70GHz	6297	768	NA	NA
Intel Core i5-6500T @ 2.50GHz	6306	767	43.80	\$143.99
Intel Core i3-7300 @ 4.00GHz	6329	766	39.56	\$159.99
Intel Core i5-7400T @ 2.40GHz	6333	765	30.85	\$205.27

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-750 @ 3.00GHz	6354	763	115.53	\$55.00
Intel Xeon E3-1505L v5 @ 2.00GHz	6374	762	NA	NA
AMD Opteron 3380	6384	761	7.89	\$809.00*
Intel Core i5-3470S @ 2.90GHz	6401	760	49.04	\$130.53
AMD FX-6300 Six-Core	6408	759	32.05	\$199.98
Intel Core i3-7320 @ 4.10GHz	6417	758	35.12	\$182.72*
Intel Xeon E5645 @ 2.40GHz	6422	757	78.99	\$81.31*
AMD Opteron 4280	6430	756	128.60	\$50.00*
Intel Core i5-4460S @ 2.90GHz	6432	755	9.75	\$659.99*
Intel Xeon E5-1603 v4 @ 2.80GHz	6454	754	NA	NA
Intel Xeon X5672 @ 3.20GHz	6461	753	143.61	\$44.99*
Intel Xeon E3-1235L v5 @ 2.00GHz	6462	752	NA	NA
Intel Core i7-7567U @ 3.50GHz	6465	751	8.29	\$779.98
Intel Core i5-2500K @ 3.30GHz	6488	750	14.94	\$434.26*
Intel Core i7-6822EQ @ 2.00GHz	6501	749	NA	NA
Intel Core i5-4440 @ 3.10GHz	6519	748	13.12	\$497.00*
Intel Core i5-3450 @ 3.10GHz	6535	747	29.80	\$219.33*
Intel Core i7-3610QE @ 2.30GHz	6544	746	NA	NA
Intel Core i5-4690T @ 2.50GHz	6547	745	NA	NA
Intel Core i7-2760QM @ 2.40GHz	6552	744	31.21	\$209.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-6500TE @ 2.30GHz	6580	743	31.34	\$209.99
Intel Atom C3958 @ 2.00GHz	6586	742	14.67	\$449.00*
Intel Core i3-7350K @ 4.20GHz	6595	741	33.92	\$194.45
Intel Core i5-3475S @ 2.90GHz	6617	740	46.12	\$143.50*
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	739	NA	NA
Intel Core i7-985 @ 3.47GHz	6641	738	NA	NA
AMD FX-8120 Eight-Core	6643	737	29.83	\$222.73*
Intel Core i7-2820QM @ 2.30GHz	6645	736	36.71	\$181.02
AMD Opteron 4284	6660	735	111.03	\$59.99*
Intel Core i5-2550K @ 3.40GHz	6676	734	35.14	\$190.00*
Intel Core i7-3635QM @ 2.40GHz	6677	733	NA	NA
Intel Xeon E5-2648L @ 1.80GHz	6698	732	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i5-7300HQ @ 2.50GHz	6717	730	NA	NA
Intel Core i5-4460 @ 3.20GHz	6725	729	31.22	\$215.42
Intel Core i5-3470 @ 3.20GHz	6728	728	100.10	\$67.22
Intel Core i5-3570S @ 3.10GHz	6729	727	23.61	\$285.00*
Intel Core i7-4770TE @ 2.30GHz	6732	726	NA	NA
Intel Xeon E3-1220 V2 @ 3.10GHz	6739	725	114.43	\$58.90
AMD Opteron 6272	6748	724	96.42	\$69.99
Intel Core i5-6400 @ 2.70GHz	6754	723	29.52	\$228.83*
Intel Xeon X5677 @ 3.47GHz	6755	722	79.47	\$85.00*
AMD Opteron 4386	6761	721	48.30	\$139.99*
Intel Core i7-2840QM @ 2.40GHz	6766	720	NA	NA
Intel Core i5-4570R @ 2.70GHz	6776	719	NA	NA
AMD Opteron 6220	6785	718	113.11	\$59.99*
AMD Ryzen 3 1200	6798	717	113.33	\$59.99
Intel Core i5-6440HQ @ 2.60GHz	6805	716	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6819	715	NA	NA
Intel Core i5-4570S @ 2.90GHz	6837	714	33.78	\$202.42
Intel Xeon E5649 @ 2.53GHz	6869	713	66.01	\$104.07*
Intel Xeon L5639 @ 2.13GHz	6869	712	NA	NA
Intel Xeon Bronze 3106 @ 1.70GHz	6890	711	19.34	\$356.27*
Intel Core i5-3550S @ 3.00GHz	6916	710	22.87	\$302.45*
Intel Xeon E5-2609 v4 @ 1.70GHz	6925	709	19.25	\$359.73*
Intel Core i7-3632QM @ 2.20GHz	6928	708	30.13	\$229.95*
Intel Core i5-7500T @ 2.70GHz	6939	707	31.01	\$223.75
AMD Ryzen 3 PRO 3300U	6941	706	NA	NA
Intel Xeon Platinum 8151 @ 3.40GHz	6947	705	NA	NA
Intel Core i7-2860QM @ 2.50GHz	6950	704	12.85	\$541.00*
AMD FX-6330 Six-Core	6954	703	NA	NA
Intel Xeon X5687 @ 3.60GHz	6962	702	174.63	\$39.87*
Intel Core i5-3550 @ 3.30GHz	6968	701	22.48	\$309.99*
AMD Ryzen 3 2200GE	6976	700	NA	NA
Intel Xeon E3-1225 V2 @ 3.20GHz	6978	699	101.14	\$69.00
Intel Xeon D-1521 @ 2.40GHz	6980	698	NA	NA
Intel Xeon W-2102 @ 2.90GHz	6981	697	29.70	\$235.05*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-6350 Six-Core	7022	695	48.44	\$144.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1607 v3 @ 3.10GHz	7029	694	NA	NA
AMD Ryzen 3 PRO 2300U	7063	693	NA	NA
Intel Xeon E5-2420 @ 1.90GHz	7063	692	18.11	\$390.02*
AMD Ryzen 3 PRO 1200	7075	691	NA	NA
Intel Core i5-4590S @ 3.00GHz	7077	690	32.33	\$218.91
Intel Core i7-2600S @ 2.80GHz	7093	689	67.48	\$105.12*
Intel Core i5-6402P @ 2.80GHz	7097	688	37.36	\$189.99*
AMD Ryzen Embedded V1605B	7124	687	NA	NA
Intel Core i7-4702MQ @ 2.20GHz	7134	686	32.66	\$218.45*
Intel Core i5-3570 @ 3.40GHz	7143	685	109.90	\$65.00
Intel Core i5-4570 @ 3.20GHz	7157	684	103.73	\$69.00
Intel Xeon E3-1220 v3 @ 3.10GHz	7186	683	53.64	\$133.99
Intel Core i5-3570K @ 3.40GHz	7187	682	22.12	\$324.88
Intel Core i7-4700EQ @ 2.40GHz	7203	681	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7206	680	NA	NA
Intel Core i7-2960XM @ 2.70GHz	7224	679	17.62	\$409.95*
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	678	25.12	\$287.90*
Intel Core i5-7400 @ 3.00GHz	7235	677	34.82	\$207.81
Intel Core i5-6500 @ 3.20GHz	7249	676	45.06	\$160.89
Intel Xeon E3-1225 v3 @ 3.20GHz	7253	675	53.34	\$135.99
Intel Xeon E5-1410 @ 2.80GHz	7265	674	148.31	\$48.99*
Intel Xeon E5-1607 v4 @ 3.10GHz	7270	673	NA	NA
Intel Core i5-6600T @ 2.70GHz	7273	672	24.25	\$299.95
Intel Xeon X5650 @ 2.67GHz	7289	671	102.11	\$71.39*
Intel Core i3-8100T @ 3.10GHz	7305	670	56.63	\$129.00*
Intel Core i7-4765T @ 2.00GHz	7309	669	14.36	\$508.95
AMD Ryzen 3 2200G	7332	668	94.04	\$77.98
Intel Core i5-4590 @ 3.30GHz	7345	667	68.85	\$106.69
AMD Ryzen 5 2500U	7348	666	NA	NA
Intel Core i7-3615QM @ 2.30GHz	7389	665	NA	NA
Intel Core i5-4670S @ 3.10GHz	7399	664	34.74	\$213.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 7 2700U	7417	662	NA	NA
Intel Xeon W-2104 @ 3.20GHz	7418	661	29.09	\$255.00*
Intel Core i5-4670R @ 3.00GHz	7419	660	26.88	\$276.00*
Intel Core i7-4702HQ @ 2.20GHz	7420	659	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	658	NA	NA
AMD Ryzen 3 PRO 2200GE	7441	657	NA	NA
Intel Core i5-4690S @ 3.20GHz	7446	656	20.73	\$359.21*
Intel Core i7-3610QM @ 2.30GHz	7458	655	18.65	\$399.99*
Intel Core i7-3615QE @ 2.30GHz	7458	654	NA	NA
Intel Core i5-4670 @ 3.40GHz	7475	653	19.67	\$379.95
Intel Xeon E3-1265L V2 @ 2.50GHz	7479	652	50.54	\$148.00*
Intel Core i5-5575R @ 2.80GHz	7484	651	NA	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7486	650	NA	NA
AMD Opteron 6366 HE	7503	649	250.19	\$29.99*
Intel Core i7-4712HQ @ 2.30GHz	7532	648	NA	NA
AMD Ryzen 3 1300X	7563	647	37.11	\$203.80
AMD FX-8320E Eight-Core	7579	646	31.68	\$239.24
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-3630QM @ 2.40GHz	7582	645	31.72	\$239.00*
Intel Xeon E3-1226 v3 @ 3.30GHz	7584	644	12.75	\$595.00*
Intel Xeon X5660 @ 2.80GHz	7589	643	120.33	\$63.07
Intel Core i5-7440HQ @ 2.80GHz	7626	642	NA	NA
Intel Core i5-4670K @ 3.40GHz	7636	641	24.63	\$309.99
Intel Core i7-4785T @ 2.20GHz	7641	640	NA	NA
Intel Core i5-8250U @ 1.60GHz	7645	639	NA	NA
Intel Core i3-9100T @ 3.10GHz	7650	638	62.71	\$122.00*
AMD FX-8150 Eight-Core	7656	637	59.80	\$128.02
AMD Opteron 6238	7673	636	21.32	\$359.89*
Intel Core i7-4700MQ @ 2.40GHz	7690	635	40.69	\$189.00*
Intel Core i5-4690 @ 3.50GHz	7691	634	31.55	\$243.77
Intel Xeon E5-2430 @ 2.20GHz	7695	633	76.10	\$101.12*
Intel Core i7-4710HQ @ 2.50GHz	7721	632	20.43	\$378.00*
Intel Core i7-4700HQ @ 2.40GHz	7734	631	20.20	\$383.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon E3-1240L v5 @ 2.10GHz	7746	629	27.87	\$278.00*
Intel Xeon E3-1220 v6 @ 3.00GHz	7752	628	32.55	\$238.15
Intel Xeon E3-1235 @ 3.20GHz	7759	627	31.80	\$244.00*
AMD FX-8300 Eight-Core	7770	626	64.76	\$119.99*
Intel Xeon E3-1220 v5 @ 3.00GHz	7772	625	29.17	\$266.46*
Intel Core i5-6600 @ 3.30GHz	7778	624	29.67	\$262.13*
Intel Core i5-8265UC @ 1.60GHz	7783	623	NA	NA
Intel Core i5-4690K @ 3.50GHz	7798	622	49.05	\$159.00
Intel Xeon X5670 @ 2.93GHz	7806	621	229.60	\$34.00
AMD Opteron 6328	7813	620	21.76	\$359.00
Intel Xeon E-2104G @ 3.20GHz	7825	619	40.54	\$193.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7829	618	29.21	\$268.04
Intel Xeon E5-2430L @ 2.00GHz	7834	617	242.71	\$32.28*
AMD Ryzen 5 3500U	7844	616	NA	NA
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	615	NA	NA
Intel Xeon E3-1230 @ 3.20GHz	7851	614	81.79	\$95.99
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	613	17.82	\$441.00*
AMD FX-8370E Eight-Core	7863	612	24.57	\$320.09
AMD Ryzen 7 3780U	7870	611	NA	NA
Intel Xeon E3-1505L v6 @ 2.20GHz	7887	610	NA	NA
AMD Ryzen 3 3200G	7900	608	90.81	\$87.00
Intel Core i7-4860EQ @ 1.80GHz	7900	609	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7904	607	272.66	\$28.99
Intel Core i5-7500 @ 3.40GHz	7940	606	31.08	\$255.50
Intel Xeon E3-1225 v6 @ 3.30GHz	7958	605	31.34	\$253.99
Intel Xeon E3-1240 @ 3.30GHz	7975	604	81.39	\$97.99
Intel Core i7-4710MQ @ 2.50GHz	7981	603	29.39	\$271.57*
Intel Core i5-7600T @ 2.80GHz	7983	602	28.46	\$280.55*
Intel Core i7-4720HQ @ 2.60GHz	7989	601	NA	NA
Intel Core i5-5675R @ 3.10GHz	7991	600	NA	NA
Intel Core i5-8265U @ 1.60GHz	7993	598	26.92	\$297.00*
Intel Xeon X5675 @ 3.07GHz	7993	599	150.84	\$52.99
AMD Ryzen 3 PRO 1300	7994	597	NA	NA

 CPU Benchmarks

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-8100 @ 3.60GHz	8005	596	61.59	\$129.99
Intel Core i5-8365UE @ 1.60GHz	8010	595	26.97	\$297.00*
Intel Xeon W3670 @ 3.20GHz	8021	594	16.04	\$499.99*
Intel Core i3-8300T @ 3.20GHz	8032	593	47.11	\$170.49*
AMD FX-8320 Eight-Core	8037	592	58.24	\$138.01
AMD Ryzen 3 PRO 2200G	8040	591	NA	NA
Intel Xeon E3-1245 @ 3.30GHz	8041	590	75.88	\$105.99
AMD Ryzen 7 3700U	8046	589	NA	NA
Intel Xeon D-1559 @ 1.50GHz	8055	588	NA	NA
Intel Core i5-6600K @ 3.50GHz	8061	587	30.64	\$263.11*
Intel Xeon E5-2630L @ 2.00GHz	8080	586	NA	NA
Intel Core i7-4722HQ @ 2.40GHz	8093	585	NA	NA
AMD Ryzen 5 3580U	8094	584	NA	NA
Intel Xeon E3-1275 @ 3.40GHz	8111	583	26.68	\$304.00
Intel Core i7-3720QM @ 2.60GHz	8124	582	22.38	\$363.00*
Intel Core i5-5675C @ 3.10GHz	8125	581	26.22	\$309.95*
Intel Core i7-6700HQ @ 2.60GHz	8127	580	21.50	\$378.00*
Intel Core i5-8350U @ 1.70GHz	8134	579	27.39	\$297.00*
Intel Xeon D-2123IT @ 2.20GHz	8150	578	38.26	\$213.00*
Intel Core i7-5675C @ 3.10GHz	8164	577	NA	NA
AMD Ryzen 5 PRO 2500U	8179	576	NA	NA
Intel Core i7-2600 @ 3.40GHz	8181	575	68.19	\$119.99
Intel Core i7-4750HQ @ 2.00GHz	8202	574	NA	NA
Intel Core i7-3770T @ 2.50GHz	8204	573	24.86	\$329.99*
Intel Xeon D-1528 @ 1.90GHz	8210	572	NA	NA
Intel Core i7-5700EQ @ 2.60GHz	8239	571	NA	NA
Intel Core i7-8550U @ 1.80GHz	8246	570	NA	NA
Intel Xeon E3-1270 @ 3.40GHz	8248	569	26.19	\$315.00
Intel Xeon E5-2450L @ 1.80GHz	8261	568	63.55	\$130.00*
Intel Core i7-3740QM @ 2.70GHz	8300	567	34.59	\$239.95*
AMD Ryzen 3 PRO 3200GE	8301	566	NA	NA
AMD Ryzen 3 2300X	8309	565	NA	NA
Intel Core i5-8365U @ 1.60GHz	8327	564	28.04	\$297.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-970 @ 3.20GHz	8352	562	16.71	\$499.95
Intel Xeon X5680 @ 3.33GHz	8354	561	126.09	\$66.26
AMD Ryzen 5 2600H	8366	560	NA	NA
AMD Ryzen 5 1400	8370	559	63.40	\$132.03
Intel Core i7-3820QM @ 2.70GHz	8401	558	29.48	\$285.00*
AMD Ryzen 5 3550H	8409	557	NA	NA
AMD Ryzen 5 PRO 3500U	8410	556	NA	NA
Intel Xeon E3-1280 @ 3.50GHz	8420	555	25.35	\$332.20
AMD Ryzen 5 PRO 2400GE	8426	554	NA	NA
Intel Core i7-2600K @ 3.40GHz	8433	553	58.16	\$145.00
Intel Xeon D-1539 @ 1.60GHz	8443	552	17.37	\$486.00*
Intel Xeon D-1537 @ 1.70GHz	8445	551	14.79	\$571.00*
Intel Core i7-4800MQ @ 2.70GHz	8446	550	41.41	\$204.00*
Intel Xeon E5-2643 @ 3.30GHz	8452	549	143.33	\$58.97*
Intel Xeon E5-2650L @ 1.80GHz	8483	548	63.69	\$133.20
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-10210U @ 1.60GHz	8493	547	28.60	\$297.00*
AMD Ryzen 7 2800H	8498	546	NA	NA
Intel Xeon E5-2623 v4 @ 2.60GHz	8506	545	15.50	\$549.00*
AMD Ryzen 3 PRO 3200G	8528	543	NA	NA
AMD Ryzen Embedded V1807B	8528	544	NA	NA
Intel Core i7-980 @ 3.33GHz	8530	542	42.66	\$199.98*
Intel Core i3-8100B @ 3.60GHz	8544	541	64.24	\$133.00*
AMD Ryzen Embedded V1756B	8559	540	NA	NA
AMD Ryzen 7 PRO 3700U	8576	539	NA	NA
Intel Core i7-4770T @ 2.50GHz	8601	538	21.50	\$399.99*
Intel Xeon E5-2620 v2 @ 2.10GHz	8611	536	215.35	\$39.99
Intel Xeon Silver 4112 @ 2.60GHz	8611	537	16.75	\$513.99*
Intel Core i5-7600 @ 3.50GHz	8614	535	35.97	\$239.50
Intel Core i7-6820EQ @ 2.80GHz	8630	534	NA	NA
Intel Core i7-4810MQ @ 2.80GHz	8655	533	45.57	\$189.95*
Intel Core i7-6700TE @ 2.40GHz	8674	532	NA	NA
Intel Xeon E5-1428L v2 @ 2.20GHz	8679	531	17.57	\$494.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	529	19.05	\$456.54*
Intel Core i7-8650U @ 1.90GHz	8696	528	21.21	\$409.99
Intel Core i3-8300 @ 3.70GHz	8700	527	44.81	\$194.19*
Intel Core i7-8665U @ 1.90GHz	8701	526	21.27	\$409.00*
Intel Core i7-8665UE @ 1.70GHz	8731	525	21.35	\$409.00*
Intel Core i7-980X @ 3.33GHz	8746	524	7.88	\$1,109.95
Intel Xeon E5-2420 v2 @ 2.20GHz	8750	523	210.51	\$41.57
Intel Core i5-1035G1 @ 1.00GHz	8761	522	29.50	\$297.00*
Intel Core i7-3840QM @ 2.80GHz	8763	521	30.32	\$289.05*
Intel Core i7-6820HQ @ 2.70GHz	8764	520	NA	NA
Intel Core i7-7700HQ @ 2.80GHz	8766	519	23.19	\$378.00*
Intel Xeon E3-1290 @ 3.60GHz	8768	518	9.91	\$885.00*
Intel Core i3-9300T @ 3.20GHz	8777	517	61.38	\$143.00*
Intel Xeon X5690 @ 3.47GHz	8787	516	72.30	\$121.55
Intel Core i7-4760HQ @ 2.10GHz	8793	515	NA	NA
Intel Core i7-8565U @ 1.80GHz	8836	514	NA	NA
Intel Xeon E5-4610 v3 @ 1.70GHz	8853	513	7.26	\$1,219.00*
Intel Xeon E3-1230 V2 @ 3.30GHz	8869	512	113.72	\$78.00
AMD Ryzen 7 3750H	8874	511	NA	NA
Intel Core i5-1035G4 @ 1.10GHz	8874	510	28.72	\$309.00*
AMD Ryzen 7 PRO 2700U	8877	509	NA	NA
Intel Core i3-9100F @ 3.60GHz	8877	508	98.65	\$89.99
AMD Opteron 6276	8889	507	52.60	\$169.00
Intel Core i7-3770S @ 3.10GHz	8901	505	24.32	\$366.00
Intel Xeon E3-1275L v3 @ 2.70GHz	8901	506	NA	NA
Intel Xeon W3680 @ 3.33GHz	8904	504	55.67	\$159.95*
Intel Xeon E5-2630 @ 2.30GHz	8928	503	223.54	\$39.94*
Intel Core i3-9100 @ 3.60GHz	8935	502	59.58	\$149.99
Intel Core i5-8305G @ 2.80GHz	8947	501	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	500	6.29	\$1,424.00*
Intel Xeon E3-1505M v5 @ 2.80GHz	8956	499	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD FX-8350 Eight-Core	8957	498	45.24	\$198.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
Intel Core i7-4770HQ @ 2.20GHz	8961	496	NA	NA
Intel Xeon W3690 @ 3.47GHz	8965	495	45.97	\$195.01*
Intel Core i7-4900MQ @ 2.80GHz	8973	494	15.30	\$586.67*
Intel Core i7-3920XM @ 2.90GHz	8984	493	8.20	\$1,096.00*
Intel Core i7-3820 @ 3.60GHz	8987	491	22.47	\$399.99
Intel Xeon E5-2623 v3 @ 3.00GHz	8987	492	13.85	\$649.00*
Intel Core i7-6700T @ 2.80GHz	9001	490	23.94	\$375.99*
AMD Ryzen 5 2400GE	9044	489	NA	NA
AMD FX-8370 Eight-Core	9048	488	45.25	\$199.99*
Intel Core i5-7600K @ 3.80GHz	9049	487	28.09	\$322.12
Intel Core i7-990X @ 3.47GHz	9050	486	25.86	\$349.99*
Intel Core i7-4850HQ @ 2.30GHz	9056	485	20.87	\$434.00*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	484	NA	NA
Intel Xeon E5-2430 v2 @ 2.50GHz	9061	483	207.26	\$43.72
Intel Xeon E5-1620 @ 3.60GHz	9067	482	139.51	\$65.00*
Intel Core i7-4790T @ 2.70GHz	9074	481	25.21	\$359.99*
Intel Xeon E5-2630L v2 @ 2.40GHz	9088	480	244.64	\$37.15
AMD Opteron 6378	9094	479	47.87	\$190.00
AMD Opteron 6282 SE	9116	478	14.24	\$640.00
Intel Core i7-6820HK @ 2.70GHz	9124	477	24.14	\$378.00*
Intel Xeon E3-1245 V2 @ 3.40GHz	9133	476	58.18	\$156.99
Intel Core i7-7820EQ @ 3.00GHz	9144	475	24.19	\$378.00*
Intel Xeon E3-1240 V2 @ 3.40GHz	9152	474	72.68	\$125.92
Intel Core i7-3940XM @ 3.00GHz	9160	473	15.02	\$609.95
Intel Xeon E3-1265L v3 @ 2.50GHz	9204	472	12.97	\$709.95
AMD Opteron 6376	9212	471	141.72	\$65.00
Intel Xeon E5-2440 @ 2.40GHz	9221	470	230.59	\$39.99*
Intel Xeon E5-2637 v2 @ 3.50GHz	9224	469	131.80	\$69.99
Intel Xeon E5-4607 v2 @ 2.60GHz	9234	468	NA	NA
Intel Core i3-8350K @ 4.00GHz	9240	467	46.49	\$198.75
Intel Core i7-7820HQ @ 2.90GHz	9246	466	24.46	\$378.00*
Intel Xeon E5-4620 @ 2.20GHz	9248	465	68.91	\$134.21*
Intel Core i7-4860HQ @ 2.40GHz	9276	464	NA	NA
Intel Core i7-3770 @ 3.40GHz	9277	463	79.49	\$116.70

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-4617 @ 2.90GHz	9313	461	103.59	\$89.90*
Intel Core i7-7700T @ 2.90GHz	9314	460	23.58	\$395.00
Intel Xeon E3-1535M v5 @ 2.90GHz	9316	459	14.95	\$623.00*
AMD Ryzen 5 2400G	9327	457	77.08	\$121.00
Intel Xeon E3-1230 v3 @ 3.30GHz	9327	458	43.38	\$215.00
Intel Core i7-4910MQ @ 2.90GHz	9336	456	20.30	\$459.95*
Intel Core i7-4770S @ 3.10GHz	9350	455	15.33	\$610.00
Intel Core i7-4870HQ @ 2.50GHz	9353	454	NA	NA
AMD Opteron 6344	9372	453	24.09	\$389.00*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	452	NA	NA
Intel Xeon E5-2640 @ 2.50GHz	9413	451	92.62	\$101.63
Intel Xeon E3-1275 V2 @ 3.50GHz	9424	450	23.88	\$394.72*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7640X @ 4.00GHz	9440	449	50.67	\$186.32
Intel Core i7-4930MX @ 3.00GHz	9444	448	8.62	\$1,096.00*
Intel Xeon E-2124 @ 3.30GHz	9444	447	42.93	\$219.99*
Intel Xeon E3-1280 V2 @ 3.60GHz	9445	446	26.24	\$360.00
Intel Xeon E-2254ML @ 1.70GHz	9458	445	NA	NA
Intel Core i7-5850HQ @ 2.70GHz	9459	444	21.80	\$434.00*
AMD FX-9370 Eight-Core	9462	443	17.05	\$555.00
Intel Core i5-8300H @ 2.30GHz	9470	442	37.88	\$250.00*
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	441	49.86	\$189.99
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	440	12.27	\$774.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9498	439	161.01	\$58.99*
Intel Core i7-3770K @ 3.50GHz	9515	438	45.53	\$209.00
Intel Core i5-8400T @ 1.70GHz	9518	437	50.36	\$189.00
Intel Core i7-6920HQ @ 2.90GHz	9549	436	16.81	\$568.00*
Intel Xeon E5-4610 @ 2.40GHz	9552	435	7.81	\$1,223.00*
Intel Core i7-4790S @ 3.20GHz	9559	434	19.10	\$500.44
Intel Xeon E3-1245 v3 @ 3.40GHz	9591	433	37.61	\$255.00
Intel Xeon E3-1231 v3 @ 3.40GHz	9631	432	18.89	\$509.95
Intel Xeon E5-2658 @ 2.10GHz	9632	431	6.59	\$1,462.00*
AMD EPYC 3201	9634	430	NA	NA

 CPU Benchmarks ▼

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	428	27.71	\$348.00*
Intel Xeon E3-1290 V2 @ 3.70GHz	9654	427	10.91	\$885.00*
Intel Xeon E3-1505M v6 @ 3.00GHz	9674	426	NA	NA
Intel Xeon E3-1240 v3 @ 3.40GHz	9677	425	25.18	\$384.40*
AMD Ryzen 5 2500X	9704	424	NA	NA
Intel Core i7-6770HQ @ 2.60GHz	9717	423	9.70	\$1,001.88*
Intel Core i7-4820K @ 3.70GHz	9720	422	44.19	\$219.99*
Intel Xeon E5-2630L v3 @ 1.80GHz	9727	421	28.62	\$339.95*
Intel Xeon E5-1620 v3 @ 3.50GHz	9745	420	76.21	\$127.88
Intel Xeon E3-1230 v5 @ 3.40GHz	9754	419	28.56	\$341.53
Intel Xeon E3-1280 v3 @ 3.60GHz	9769	418	21.76	\$449.00*
Intel Core i7-4940MX @ 3.10GHz	9776	417	13.77	\$709.95*
Intel Core i7-8709G @ 3.10GHz	9780	416	NA	NA
Intel Core i7-4770 @ 3.40GHz	9781	415	63.52	\$154.00
Intel Xeon E3-1230 v6 @ 3.50GHz	9784	414	35.07	\$279.00
AMD Opteron 6287 SE	9789	413	NA	NA
Intel Core i7-995X @ 3.60GHz	9791	412	NA	NA
Intel Core i7-5850EQ @ 2.70GHz	9817	411	22.57	\$435.00*
Intel Core i7-4770R @ 3.20GHz	9830	410	NA	NA
Intel Core i7-4960HQ @ 2.60GHz	9856	409	15.82	\$623.00*
Intel Core i7-4771 @ 3.50GHz	9860	408	16.17	\$609.99*
Intel Core i5-9300H @ 2.40GHz	9861	407	39.45	\$250.00*
Intel Xeon E3-1246 v3 @ 3.50GHz	9864	406	24.12	\$409.00*
Intel Xeon E-2224G @ 3.50GHz	9868	405	45.27	\$218.00*
Intel Core i7-8705G @ 3.10GHz	9878	404	7.01	\$1,408.75*
Intel Xeon E5-2650L v2 @ 1.70GHz	9880	403	131.74	\$75.00
Intel Xeon E-2124G @ 3.40GHz	9891	402	38.52	\$256.76
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	401	11.80	\$839.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-1620 v4 @ 3.50GHz	9903	400	20.64	\$479.95
Intel Xeon E3-1270 v3 @ 3.50GHz	9922	399	49.61	\$199.99
Intel Core i7-7820HK @ 2.90GHz	9958	398	26.34	\$378.00*
Intel Core i5-9400T @ 1.80GHz	9968	397	54.77	\$182.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2620 v3 @ 2.40GHz	9980	395	171.46	\$58.21
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	394	12.35	\$808.02*
AMD Ryzen 5 3400G	9984	393	71.32	\$139.99
AMD Ryzen 5 PRO 2400G	9984	392	NA	NA
Intel Core i7-4790 @ 3.60GHz	9989	391	54.00	\$185.00
Intel Core i7-7920HQ @ 3.10GHz	9991	390	17.59	\$568.00*
Intel Core i5-1035G7 @ 1.20GHz	9998	389	31.24	\$320.00*
Intel Core i7-6700 @ 3.40GHz	10003	388	29.86	\$334.99
Intel Xeon E3-1515M v5 @ 2.80GHz	10016	387	NA	NA
Intel Core i3-9300 @ 3.70GHz	10018	386	65.91	\$152.00*
Intel Xeon E3-1241 v3 @ 3.50GHz	10022	385	27.09	\$369.99
Intel Xeon E3-1281 v3 @ 3.70GHz	10031	384	11.43	\$877.75*
Intel Xeon E3-1275 v3 @ 3.50GHz	10048	383	25.06	\$400.99*
Intel Core i7-4770K @ 3.50GHz	10075	382	29.12	\$345.98
AMD Opteron 6380	10081	381	170.88	\$59.00
Intel Xeon E-2224 @ 3.40GHz	10096	380	50.99	\$198.00*
AMD Ryzen 5 1500X	10112	379	76.76	\$131.75
Intel Xeon E3-1271 v3 @ 3.60GHz	10117	378	11.39	\$888.00*
Intel Xeon E5-2637 v3 @ 3.50GHz	10117	377	80.75	\$125.30
AMD Ryzen 5 PRO 1500	10133	376	NA	NA
Intel Xeon E3-1585L v5 @ 3.00GHz	10135	375	22.78	\$445.00*
Intel Core i3-9320 @ 3.70GHz	10144	374	62.62	\$162.00*
Intel Xeon E3-1245 v5 @ 3.50GHz	10169	373	29.45	\$345.31*
AMD FX-9590 Eight-Core	10193	372	22.16	\$459.95
Intel Xeon E3-1276 v3 @ 3.60GHz	10209	371	9.51	\$1,073.00*
Intel Xeon E5-2640 v2 @ 2.00GHz	10213	370	64.94	\$157.29
Intel Xeon E3-1260L v5 @ 2.90GHz	10218	369	13.88	\$736.16*
Intel Xeon E5-1630 v3 @ 3.70GHz	10228	368	21.40	\$477.99*
Intel Xeon E5-2650 @ 2.00GHz	10265	367	235.98	\$43.50
Intel Xeon E3-1270 v5 @ 3.60GHz	10279	366	22.51	\$456.61
Intel Xeon E3-1545M v5 @ 2.90GHz	10283	365	NA	NA
Intel Core i7-4980HQ @ 2.80GHz	10301	364	NA	NA
Intel Xeon E5-1630 v4 @ 3.70GHz	10310	363	NA	NA
Intel Xeon E3-1240 v5 @ 3.50GHz	10317	362	30.20	\$341.67*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2630 v2 @ 2.60GHz	10377	360	41.51	\$250.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10378	359	236.20	\$43.94
Intel Xeon E5-2450 @ 2.10GHz	10387	358	173.19	\$59.98
Intel Xeon E3-1240 v6 @ 3.70GHz	10487	357	36.40	\$288.10
Intel Xeon E3-1285 v3 @ 3.60GHz	10509	356	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10510	355	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10512	354	4.76	\$2,208.95
Intel Core i3-9350KF @ 4.00GHz	10526	353	48.84	\$215.54
Intel Xeon E3-1245 v6 @ 3.70GHz	10533	352	31.93	\$329.91
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1535M v6 @ 3.10GHz	10538	351	16.92	\$623.00*
Intel Core i7-8706G @ 3.10GHz	10539	350	NA	NA
AMD Ryzen 5 PRO 3400GE	10566	349	NA	NA
Intel Xeon E3-1575M v5 @ 3.00GHz	10616	348	8.80	\$1,207.00*
Intel Xeon E3-1280 v5 @ 3.70GHz	10620	347	15.39	\$690.01*
Intel Core i5-8279U @ 2.40GHz	10623	346	33.20	\$320.00*
Intel Core i5-9500T @ 2.20GHz	10630	345	55.37	\$192.00*
Intel Core i7-1065G7 @ 1.30GHz	10634	344	NA	NA
Intel Xeon W-2123 @ 3.60GHz	10663	343	33.43	\$318.99
Intel Xeon E5-2667 @ 2.90GHz	10670	342	206.39	\$51.70*
Intel Xeon D-1548 @ 2.00GHz	10679	341	19.24	\$555.00*
Intel Core i7-7700 @ 3.60GHz	10685	340	34.04	\$313.95
Intel Xeon E3-1270L v4 @ 3.00GHz	10691	339	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10704	338	20.99	\$509.95*
Intel Xeon D-1540 @ 2.00GHz	10740	337	NA	NA
Intel Core i5-8257U @ 1.40GHz	10742	336	33.57	\$320.00*
Intel Xeon E3-1585 v5 @ 3.50GHz	10797	335	19.42	\$556.00*
Intel Xeon E5-4640 @ 2.40GHz	10807	334	3.96	\$2,730.00*
AMD Ryzen 5 PRO 3400G	10833	333	NA	NA
Intel Core i7-5950HQ @ 2.90GHz	10850	332	NA	NA
Intel Core i7-5775C @ 3.30GHz	10851	331	15.81	\$686.32*
Intel Core i7-5775R @ 3.30GHz	10879	330	NA	NA
Intel Xeon E-2134 @ 3.50GHz	10882	329	37.92	\$286.99*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 6386 SE	10912	327	75.26	\$144.99
Intel Xeon Silver 4109T @ 2.00GHz	10946	326	21.85	\$501.00*
Intel Xeon D-1557 @ 1.50GHz	10950	325	15.78	\$694.00*
Intel Xeon E3-1285L v4 @ 3.40GHz	10961	324	NA	NA
Intel Xeon D-2146NT @ 2.30GHz	10968	323	17.11	\$641.00*
Intel Core i5-8600T @ 2.30GHz	10981	322	29.92	\$366.99*
Intel Xeon E5-2470 @ 2.30GHz	10986	321	85.83	\$128.00*
Intel Core i7-8809G @ 3.10GHz	10991	320	NA	NA
Intel Core i5-8259U @ 2.30GHz	10999	319	18.97	\$579.95
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	318	NA	NA
Intel Xeon E3-1275 v6 @ 3.80GHz	11028	317	27.18	\$405.69
Intel Xeon E3-1280 v6 @ 3.90GHz	11041	316	20.90	\$528.43
Intel Xeon D-1541 @ 2.10GHz	11083	315	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	314	NA	NA
Intel Core i7-6700K @ 4.00GHz	11109	313	28.21	\$393.73*
Intel Core i7-4790K @ 4.00GHz	11165	312	38.50	\$290.00
Intel Xeon E3-1270 v6 @ 3.80GHz	11171	311	30.51	\$366.18
Intel Xeon E5-2660 @ 2.20GHz	11259	310	101.90	\$110.49
Intel Xeon E5-2470 v2 @ 2.40GHz	11268	309	52.26	\$215.64*
Intel Xeon E5-2651 v2 @ 1.80GHz	11302	308	NA	NA
Intel Xeon E5-2620 v4 @ 2.10GHz	11324	307	28.54	\$396.75
Intel Xeon @ 2.00GHz	11327	306	NA	NA
Intel Core i7-9850HL @ 1.90GHz	11340	305	28.71	\$395.00*
Intel Core i5-9400H @ 2.50GHz	11379	304	45.52	\$250.00*
Intel Xeon E5-2648L v2 @ 1.90GHz	11381	303	7.70	\$1,479.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	302	7.30	\$1,560.86*
Intel Xeon E-2144G @ 3.60GHz	11532	301	32.77	\$351.90*
Intel Core i5-8400 @ 2.80GHz	11569	300	50.43	\$229.42
Intel Xeon Silver 4110 @ 2.10GHz	11657	299	25.13	\$463.86
Intel Xeon E5-4650 @ 2.70GHz	11685	298	166.96	\$69.99*
AMD EPYC 3251	11690	297	37.11	\$315.00*
Intel Core i5-9600T @ 2.30GHz	11706	296	54.96	\$213.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon E5-2665 @ 2.40GHz	11744	294	114.73	\$102.37*
AMD EPYC 7251	11811	293	22.95	\$514.58
Intel Core i5-8500 @ 3.00GHz	11814	292	36.61	\$322.70
Intel Core i5-9400 @ 2.90GHz	11949	291	59.75	\$199.99
Intel Core i7-3930K @ 3.20GHz	11973	290	52.06	\$229.99*
Intel Core i7-7700K @ 4.20GHz	11992	289	30.83	\$389.00
Intel Xeon E3-1285 v6 @ 4.10GHz	11992	288	18.58	\$645.40
Intel Core i5-9400F @ 2.90GHz	12105	287	83.49	\$144.99
Intel Xeon E5-4650L @ 2.60GHz	12145	286	161.98	\$74.98*
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	285	NA	NA
Intel Core i7-7740X @ 4.30GHz	12203	284	31.71	\$384.90
AMD Ryzen 5 PRO 1600	12213	283	NA	NA
Intel Core i7-8559U @ 2.70GHz	12228	282	21.53	\$568.00
Intel Xeon E5-1660 @ 3.30GHz	12242	281	9.98	\$1,226.66*
Intel Xeon E-2174G @ 3.80GHz	12278	280	30.47	\$402.99*
AMD Ryzen 5 1600	12288	279	122.91	\$99.98
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	278	2.66	\$4,616.00*
Intel Xeon E5-2628L v3 @ 2.00GHz	12295	277	NA	NA
Intel Xeon W-2125 @ 4.00GHz	12321	276	20.24	\$608.73
Intel Xeon E5-2670 @ 2.60GHz	12374	275	85.34	\$145.00
Intel Core i5-9500 @ 3.00GHz	12382	274	46.93	\$263.85
Intel Core i7-8750H @ 2.20GHz	12399	273	31.39	\$395.00*
Intel Core i5-8600 @ 3.10GHz	12481	272	45.26	\$275.78
Intel Xeon E5-4627 v2 @ 3.30GHz	12511	271	24.58	\$508.95*
Intel Core i7-3960X @ 3.30GHz	12571	270	114.30	\$109.99
Intel Xeon E-2274G @ 4.00GHz	12595	269	37.71	\$334.00*
Intel Core i7-8700T @ 2.40GHz	12621	268	22.54	\$559.95
Intel Core i5-8600K @ 3.60GHz	12679	267	45.38	\$279.37
Intel Core i7-9700TE @ 1.80GHz	12688	266	39.28	\$323.00*
Intel Core i7-3970X @ 3.50GHz	12695	265	31.12	\$407.99
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	264	NA	NA
Intel Xeon E5-1650 v2 @ 3.50GHz	12752	263	117.05	\$108.95
Intel Core i5-8500B @ 3.00GHz	12756	262	66.44	\$192.00*
Intel Xeon E-2244G @ 3.80GHz	12782	261	46.99	\$272.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2141L @ 2.20GHz	12836	259	23.13	\$555.00*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	258	NA	NA
Intel Xeon E-2226G @ 3.40GHz	12887	257	49.57	\$260.00*
Intel Xeon E5-2680 @ 2.70GHz	12888	256	173.42	\$74.32
Intel Core i7-8850H @ 2.60GHz	12944	255	32.77	\$395.00*
Intel Core i7-5820K @ 3.30GHz	13011	254	61.96	\$209.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-4930K @ 3.40GHz	13023	253	16.28	\$799.97
Intel Core i5-9500F @ 3.00GHz	13055	252	64.63	\$202.00*
Intel Xeon E5-2628L v4 @ 1.90GHz	13101	251	9.61	\$1,364.00*
Intel Core i7-10710U @ 1.10GHz	13115	250	29.61	\$443.00*
Intel Xeon Silver 4208 @ 2.10GHz	13116	249	25.13	\$521.97
Intel Xeon E5-2643 v2 @ 3.50GHz	13121	248	86.12	\$152.36
Intel Xeon E5-2660 v2 @ 2.20GHz	13161	247	61.82	\$212.89*
AMD Ryzen 5 1600X	13202	246	89.09	\$148.19
Intel Xeon E5-2650 v2 @ 2.60GHz	13204	245	150.76	\$87.59
Intel Xeon E5-2689 @ 2.60GHz	13274	244	NA	NA
AMD Ryzen 7 2700E	13410	243	NA	NA
Intel Core i7-9700T @ 2.00GHz	13426	242	41.57	\$323.00*
Intel Xeon E5-2643 v4 @ 3.40GHz	13475	241	7.48	\$1,801.96
Intel Core i5-9600K @ 3.70GHz	13487	240	67.44	\$199.99
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	239	58.19	\$232.22
AMD Ryzen 5 2600	13514	238	112.66	\$119.95
Intel Xeon E-2176M @ 2.70GHz	13557	237	30.13	\$450.00*
Intel Core i7-6800K @ 3.40GHz	13564	236	33.83	\$401.01
Intel Core i7-9750H @ 2.60GHz	13574	235	34.36	\$395.00*
Intel Xeon E-2126G @ 3.30GHz	13583	234	45.28	\$299.99*
Intel Core i5-9600KF @ 3.70GHz	13607	233	71.62	\$189.99*
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	232	NA	NA
Intel Xeon E5-1650 v3 @ 3.50GHz	13627	231	87.64	\$155.49
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	230	NA	NA
Intel Core i7-5930K @ 3.50GHz	13664	229	56.94	\$239.99
Intel Xeon E5-2690 @ 2.90GHz	13738	228	106.24	\$129.31

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-2143IT @ 2.20GHz	13816	226	24.41	\$566.00*
Intel Xeon E5-2640 v3 @ 2.60GHz	13864	225	102.70	\$135.00*
Intel Xeon E5-2658 v2 @ 2.40GHz	13874	224	77.09	\$179.99*
Intel Xeon E5-2643 v3 @ 3.40GHz	13887	223	53.41	\$259.99
Intel Xeon E5-2630 v4 @ 2.20GHz	13897	222	24.86	\$559.00
Intel Xeon E-2278GEL @ 2.00GHz	13914	221	28.17	\$494.00*
Intel Xeon E5-1660 v2 @ 3.70GHz	13919	220	49.36	\$281.99*
Intel Core i5-9600 @ 3.10GHz	13931	219	62.19	\$224.00*
AMD Ryzen 7 1700	13932	218	46.44	\$299.98
Intel Core i7-9850H @ 2.60GHz	13950	217	35.32	\$395.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	216	NA	NA
Intel Xeon D-1587 @ 1.70GHz	14049	215	NA	NA
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	214	9.42	\$1,496.00*
AMD Ryzen 7 PRO 1700	14112	213	NA	NA
Intel Xeon E-2276G @ 3.80GHz	14143	212	39.07	\$362.00*
AMD Ryzen 5 3500	14210	211	NA	NA
Intel Xeon E5-1650 v4 @ 3.60GHz	14210	210	27.97	\$508.00*
Intel Core i9-8950HK @ 2.90GHz	14212	209	24.38	\$583.00*
AMD Ryzen 5 PRO 2600	14221	208	NA	NA
Intel Xeon Silver 4114 @ 2.20GHz	14317	207	24.86	\$575.89
Intel Xeon E5-2687W @ 3.10GHz	14340	206	69.28	\$207.00
AMD Ryzen 5 2600X	14362	205	96.39	\$149.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6850K @ 3.60GHz	14371	204	31.74	\$452.75
Intel Xeon W-2133 @ 3.60GHz	14374	203	23.30	\$617.00*
Intel Xeon E-2276M @ 2.80GHz	14449	202	32.11	\$450.00*
Intel Xeon D-1567 @ 2.10GHz	14482	201	NA	NA
Intel Xeon E5-4627 v3 @ 2.60GHz	14489	200	6.04	\$2,400.00*
Intel Xeon E-2186M @ 2.90GHz	14526	199	23.32	\$623.00*
Intel Xeon E5-2618L v4 @ 2.20GHz	14572	198	18.71	\$779.00*
Intel Core i7-7800X @ 3.50GHz	14643	197	28.71	\$509.99*
Intel Xeon E5-1660 v3 @ 3.00GHz	14656	196	9.07	\$1,616.49*
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	195	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Core i7-8700B @ 3.20GHz	14862	193	49.05	\$303.00*
Intel Xeon E5-2650 v3 @ 2.30GHz	14883	192	114.50	\$129.99
AMD EPYC 7351P	14887	191	15.71	\$947.33
Intel Xeon Gold 6128 @ 3.40GHz	14941	190	8.49	\$1,759.75*
AMD EPYC 7301	14978	189	17.34	\$863.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	188	NA	NA
Intel Xeon E5-2670 v2 @ 2.50GHz	15021	187	71.87	\$209.00*
AMD Ryzen 7 2700	15070	186	90.27	\$166.95
Intel Core i9-9900T @ 2.10GHz	15090	185	34.38	\$439.00*
Intel Core i7-8700 @ 3.20GHz	15134	184	36.13	\$418.88
Intel Xeon E5-2675 v3 @ 1.80GHz	15137	183	NA	NA
Intel Xeon Silver 4123 @ 3.00GHz	15185	182	NA	NA
Intel Xeon Silver 4215 @ 2.50GHz	15200	181	15.89	\$956.57
AMD Ryzen 7 PRO 1700X	15324	180	NA	NA
AMD Ryzen 7 PRO 2700	15399	179	NA	NA
Intel Xeon E5-2640 v4 @ 2.40GHz	15420	178	16.76	\$920.27*
Intel Xeon E5-2650 v4 @ 2.20GHz	15483	177	15.35	\$1,009.00*
Intel Xeon Silver 4116 @ 2.10GHz	15509	176	17.15	\$904.25*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	175	6.97	\$2,225.00*
AMD Ryzen 7 1800X	15541	174	55.51	\$279.99
Intel Xeon E-2176G @ 3.70GHz	15592	173	33.25	\$469.00
Intel Xeon E-2146G @ 3.50GHz	15620	172	44.00	\$354.99*
AMD EPYC 7451	15767	171	6.64	\$2,376.32
Intel Xeon E-2236 @ 3.40GHz	15781	170	54.61	\$289.00*
Intel Xeon E-2136 @ 3.30GHz	15793	169	49.13	\$321.49
Intel Xeon E-2186G @ 3.80GHz	15838	168	30.17	\$524.99*
Intel Xeon E5-4660 v3 @ 2.10GHz	15849	167	3.30	\$4,800.00*
Intel Core i7-9700 @ 3.00GHz	15855	166	39.87	\$397.70
Intel Xeon E5-2680 v2 @ 2.80GHz	15888	165	111.65	\$142.30
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	164	11.36	\$1,399.00*
Intel Xeon Silver 4210 @ 2.20GHz	15898	163	26.99	\$589.00*
Intel Core i7-8700K @ 3.70GHz	15935	162	44.89	\$354.99
Intel Core i7-5960X @ 3.00GHz	15986	161	15.33	\$1,042.93*
Intel Xeon E5-2667 v3 @ 3.20GHz	16011	160	51.82	\$309.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E-2246G @ 3.60GHz	16023	158	51.52	\$311.00*
Intel Xeon E5-2695 v2 @ 2.40GHz	16041	157	61.70	\$259.99
AMD Ryzen 5 3500X	16070	156	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen Threadripper 1900X	16108	155	100.68	\$159.99
Intel Xeon E5-2667 v2 @ 3.30GHz	16165	154	59.87	\$269.99
Intel Xeon E5-1660 v4 @ 3.20GHz	16203	153	13.18	\$1,229.52*
Intel Xeon E5-1680 v2 @ 3.00GHz	16250	152	NA	NA
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	151	NA	NA
Intel Xeon W-2135 @ 3.70GHz	16299	150	18.18	\$896.60*
Intel Xeon E5-1680 v3 @ 3.20GHz	16317	149	NA	NA
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	148	NA	NA
Intel Xeon E5-2687W v2 @ 3.40GHz	16343	147	48.79	\$335.00
Intel Xeon E5-2690 v2 @ 3.00GHz	16391	146	60.13	\$272.58*
Intel Core i7-9700F @ 3.00GHz	16394	145	50.46	\$324.90
Intel Xeon E5-2673 v3 @ 2.40GHz	16416	144	23.45	\$700.00*
Intel Xeon E5-2660 v3 @ 2.60GHz	16429	143	51.35	\$319.95
Intel Xeon Gold 5118 @ 2.30GHz	16435	142	15.21	\$1,080.87*
Intel Xeon E5-2667 v4 @ 3.20GHz	16631	141	8.53	\$1,949.03*
Intel Xeon E-2286G @ 4.00GHz	16671	140	37.05	\$450.00*
Intel Xeon Gold 5117 @ 2.00GHz	16672	139	NA	NA
Intel Core i9-9880H @ 2.30GHz	16680	138	30.00	\$556.00*
Intel Core i7-8086K @ 4.00GHz	16681	137	30.17	\$552.96*
Intel Xeon E5-2670 v3 @ 2.30GHz	16765	136	108.17	\$154.99
Intel Xeon E5-2660 v4 @ 2.00GHz	16880	135	11.25	\$1,499.99*
Intel Xeon E5-2696 v2 @ 2.50GHz	16920	134	NA	NA
AMD Ryzen 7 2700X	16949	133	89.21	\$189.99
Intel Xeon E5-2678 v3 @ 2.50GHz	16993	132	NA	NA
Intel Core i7-9700KF @ 3.60GHz	17020	131	47.28	\$359.99*
Intel Xeon E5-1680 v4 @ 3.40GHz	17063	130	NA	NA
AMD Ryzen 7 PRO 2700X	17161	129	NA	NA
Intel Xeon E5-2697 v2 @ 2.70GHz	17170	128	55.57	\$309.00
Intel Core i7-9700K @ 3.60GHz	17220	127	43.05	\$399.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2683 v3 @ 2.00GHz	17325	125	33.97	\$509.99*
Intel Xeon E5-2676 v3 @ 2.40GHz	17608	124	NA	NA
Intel Core i7-6900K @ 3.20GHz	17611	123	22.15	\$794.99
Intel Core i9-9980HK @ 2.40GHz	17612	122	30.21	\$583.00*
Intel Xeon Silver 4214 @ 2.20GHz	17630	121	21.59	\$816.51
Intel Xeon E-2278G @ 3.40GHz	17670	120	35.77	\$494.00*
Intel Xeon E5-2687W v3 @ 3.10GHz	17795	119	30.16	\$589.99
AMD EPYC 7351	18081	118	14.62	\$1,236.41
Intel Xeon Gold 5120T @ 2.20GHz	18145	117	10.51	\$1,727.00*
Intel Xeon Gold 6134 @ 3.20GHz	18206	116	8.06	\$2,260.00
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	115	NA	NA
Intel Xeon Gold 5120 @ 2.20GHz	18253	114	11.69	\$1,561.00*
Intel Xeon E-2286M @ 2.40GHz	18338	113	29.44	\$623.00*
Intel Xeon E5-2680 v3 @ 2.50GHz	18426	112	87.75	\$209.99
AMD EPYC 7551P	18443	111	8.95	\$2,060.00
AMD EPYC 7551	18483	110	4.95	\$3,735.23
Intel Core i7-7820X @ 3.60GHz	18517	109	27.85	\$665.00
Intel Xeon W-2140B @ 3.20GHz	18620	108	NA	NA
Intel Core i9-9900 @ 3.10GHz	18738	107	31.76	\$589.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7501	18942	106	9.16	\$2,068.46
Intel Xeon E5-2690 v3 @ 2.60GHz	19022	105	82.71	\$230.00
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	104	8.62	\$2,208.93*
AMD Ryzen Threadripper 2990X	19227	103	NA	NA
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	102	NA	NA
Intel Xeon D-2183IT @ 2.20GHz	19381	101	10.99	\$1,764.00*
Intel Xeon Silver 4216 @ 2.10GHz	19538	100	19.36	\$1,009.00
Intel Xeon E5-4669 v3 @ 2.10GHz	19615	99	3.63	\$5,400.00*
Intel Xeon Gold 6130 @ 2.10GHz	19643	98	11.02	\$1,783.09
Intel Xeon E-2288G @ 3.70GHz	19658	97	36.47	\$539.00*
Intel Xeon Gold 6144 @ 3.50GHz	19667	96	6.38	\$3,085.00
Intel Xeon E5-2695 v3 @ 2.30GHz	19710	95	40.23	\$489.99*
Intel Xeon Gold 6126 @ 2.60GHz	19711	94	10.43	\$1,889.97*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
Intel Xeon W-2145 @ 3.70GHz	19770	92	16.63	\$1,188.75*
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	91	NA	NA
Intel Core i7-9800X @ 3.80GHz	19803	90	31.43	\$629.99
Intel Xeon E5-2687W v4 @ 3.00GHz	19863	89	9.13	\$2,174.99*
Intel Xeon E5-2680 v4 @ 2.40GHz	19864	88	13.16	\$1,509.00*
AMD Ryzen 5 3600	19870	87	104.59	\$189.99
Intel Core i7-6950X @ 3.00GHz	19923	86	9.10	\$2,188.88
AMD Ryzen Threadripper 1920X	20063	85	95.55	\$209.99
Intel Core i9-9900K @ 3.60GHz	20200	84	41.23	\$489.99
AMD EPYC 7401P	20221	83	20.02	\$1,010.00
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	82	3.49	\$5,808.00*
Intel Core i9-9900KF @ 3.60GHz	20379	81	37.11	\$549.13
Intel Xeon E5-2682 v4 @ 2.50GHz	20420	80	NA	NA
Intel Xeon Gold 6137 @ 3.90GHz	20443	79	NA	NA
AMD Ryzen 5 3600X	20465	78	85.28	\$239.99
Intel Core i7-7900X @ 3.30GHz	20474	77	NA	NA
AMD EPYC 7571	20858	76	NA	NA
Intel Core i9-9820X @ 3.30GHz	20965	75	30.83	\$679.99
Intel Xeon Gold 6136 @ 3.00GHz	21034	74	8.05	\$2,613.59*
Intel Xeon E5-2698 v3 @ 2.30GHz	21042	73	34.55	\$609.00
Intel Xeon E5-2690 v4 @ 2.60GHz	21167	72	9.75	\$2,169.99*
Intel Xeon E5-2696 v4 @ 2.20GHz	21226	71	7.05	\$3,009.95*
Intel Xeon E5-2697 v3 @ 2.60GHz	21425	70	43.73	\$490.00
Intel Xeon E5-2697 v4 @ 2.30GHz	21435	69	7.02	\$3,054.99*
Intel Xeon W-2150B @ 3.00GHz	21451	68	NA	NA
Intel Xeon E5-2673 v4 @ 2.30GHz	21458	67	NA	NA
Intel Core i9-9900KS @ 4.00GHz	21549	66	23.68	\$909.99*
AMD Ryzen 5 PRO 3600	21586	65	NA	NA
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	64	6.02	\$3,629.59*
Intel Core i9-7900X @ 3.30GHz	21870	63	21.29	\$1,027.12*
Intel Xeon W-2155 @ 3.30GHz	21917	62	14.32	\$1,530.39*
AMD Ryzen Threadripper 1950X	21967	61	44.83	\$489.99*
AMD Ryzen Threadripper 2970WX	22043	60	24.00	\$918.49
AMD Ryzen Threadripper 2920X	22054	59	47.95	\$459.95

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2696 v3 @ 2.30GHz	22172	57	8.88	\$2,498.00*
Intel Xeon E5-2699 v3 @ 2.30GHz	22340	56	18.48	\$1,209.00*
Intel Xeon E5-2697A v4 @ 2.60GHz	22462	55	NA	NA
Intel Xeon Gold 5218 @ 2.30GHz	22576	54	15.54	\$1,452.74
Intel Core i9-9900X @ 3.50GHz	22984	53	22.32	\$1,029.99
AMD Ryzen Threadripper 2990WX	23227	52	14.36	\$1,617.11
Intel Core i9-7920X @ 2.90GHz	23288	51	17.30	\$1,346.25*
Intel Xeon E5-2699 v4 @ 2.20GHz	23435	50	5.53	\$4,239.00
Intel Xeon Gold 6152 @ 2.10GHz	23498	49	5.64	\$4,164.73
AMD Ryzen 7 3700X	23858	48	76.97	\$309.97
Intel Xeon Gold 6132 @ 2.60GHz	23907	47	10.87	\$2,199.90*
Intel Xeon Gold 6140 @ 2.30GHz	23964	46	9.82	\$2,439.99*
Intel Xeon Platinum 8176 @ 2.10GHz	24434	45	2.80	\$8,725.00*
Intel Xeon W-2175 @ 2.50GHz	24454	44	11.79	\$2,073.34*
Intel Xeon W-2195 @ 2.30GHz	24481	43	9.09	\$2,693.26*
Intel Xeon W-2170B @ 2.50GHz	24561	42	NA	NA
AMD Ryzen 7 3800X	24568	41	64.66	\$379.99
Intel Xeon Gold 6230 @ 2.10GHz	24600	40	11.95	\$2,058.20
Intel Xeon Gold 6146 @ 3.20GHz	25142	39	5.46	\$4,608.95*
Intel Core i9-9920X @ 3.50GHz	25154	38	16.28	\$1,544.87
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	37	9.35	\$2,702.00*
AMD Ryzen Threadripper 2950X	25284	36	37.18	\$679.99
Intel Xeon Gold 6242 @ 2.80GHz	25313	35	9.49	\$2,667.66
Intel Core i9-7940X @ 3.10GHz	25412	34	27.93	\$909.99
Intel Xeon Gold 6246 @ 3.30GHz	25734	33	7.83	\$3,286.00*
Intel Xeon W-3235 @ 3.30GHz	25759	32	15.75	\$1,635.77*
Intel Xeon Gold 6138 @ 2.00GHz	25774	31	9.84	\$2,619.49
Intel Xeon Gold 6148 @ 2.40GHz	25817	30	8.83	\$2,925.00*
Intel Core i9-7960X @ 2.80GHz	26030	29	19.28	\$1,349.99*
AMD Ryzen 7 PRO 3700	26231	28	NA	NA
Intel Xeon Platinum 8124M @ 3.00GHz	26835	27	NA	NA
Intel Core i9-9940X @ 3.30GHz	26953	26	22.46	\$1,199.99

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD EPYC 7002P	27671	24	22.83	\$1,211.79
Intel Core i9-7980XE @ 2.60GHz	27722	23	7.45	\$3,718.95
Intel Xeon Gold 6154 @ 3.00GHz	28060	22	14.03	\$2,000.00*
Intel Xeon Gold 6212U @ 2.40GHz	28103	21	NA	NA
Intel Xeon Platinum 8175M @ 2.50GHz	28291	20	19.84	\$1,426.31
AMD EPYC 7402P	28470	19	21.00	\$1,355.72
Intel Core i9-9960X @ 3.10GHz	28560	18	13.87	\$2,059.86*
Intel Xeon Gold 6210U @ 2.50GHz	28860	17	NA	NA
Intel Xeon Platinum 8173M @ 2.00GHz	29131	16	4.95	\$5,890.00*
Intel Xeon Platinum 8168 @ 2.70GHz	29576	15	11.72	\$2,524.64*
Intel Core i9-9980XE @ 3.00GHz	30018	14	8.09	\$3,709.00*
Intel Xeon Gold 6254 @ 3.10GHz	30626	13	NA	NA
AMD EPYC 7302P	30679	12	NA	NA
AMD Ryzen 9 3900	31689	11	5.63	\$5,630.00*
Intel Xeon Platinum 8268 @ 2.90GHz	31691	10	6.96	\$4,551.37*
Intel Xeon W-3265 @ 2.70GHz	31911	9	55.02	\$579.99
AMD Ryzen 9 3900X				
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 9 PRO 3900	32899	8	NA	NA
Intel Xeon W-3175X @ 3.10GHz	33538	7	10.65	\$3,148.34*
AMD Ryzen 9 3950X	36094	6	NA	NA
AMD EPYC 7452	38257	5	NA	NA
AMD EPYC 7702P	46067	4	10.41	\$4,425.00*
AMD Ryzen Threadripper 3960X	47117	3	NA	NA
AMD EPYC 7742	47365	2	6.82	\$6,950.00*
AMD Ryzen Threadripper 3970X	47956	1	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is)	Rank (lower is)	CPU Value (higher is)	Price (USD)
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	157	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	443	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	449	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	495	NA	NA
[Dual CPU] AMD EPYC 7251	12955	214	12.59	\$1,029.16
[Dual CPU] AMD EPYC 7261	12430	221	6.15	\$2,019.96
[Dual CPU] AMD EPYC 7281	15152	184	11.07	\$1,369.22
[Dual CPU] AMD EPYC 7371	19370	138	6.25	\$3,100.00*
[Dual CPU] AMD EPYC 7401	23518	84	7.20	\$3,265.02
[Dual CPU] AMD EPYC 7451	28957	49	6.09	\$4,752.64
[Dual CPU] AMD EPYC 7501	28991	48	7.01	\$4,136.92
[Dual CPU] AMD EPYC 7542	46721	3	NA	NA
[Dual CPU] AMD EPYC 7551	31452	36	4.21	\$7,470.46
[Dual CPU] AMD EPYC 7601	33545	28	5.31	\$6,316.26
[Dual CPU] AMD EPYC 7742	55574	1	4.00	\$13,900.00*
[Dual CPU] AMD Opteron 246	1130	484	28.26	\$39.98*
[Dual CPU] AMD Opteron 248	1053	485	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	480	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1418	481	11.19	\$126.72*
[Dual CPU] AMD Opteron 254	816	490	NA	NA
[Dual CPU] AMD Opteron 256	1853	477	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	475	13.77	\$146.00
[Dual CPU] AMD Opteron 270	2226	471	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	474	13.00	\$164.10*
[Dual CPU] AMD Opteron 280	2452	466	18.86	\$130.00*
[Dual CPU] AMD Opteron 285	2769	456	17.32	\$159.90
[Dual CPU] AMD Opteron 290	2716	458	10.06	\$270.00*
[Dual CPU] AMD Opteron 850	1410	482	0.47	\$3,028.00*
[Dual CPU] AMD Opteron 885	2851	451	NA	NA
[Dual CPU] AMD Opteron 2212	2203	472	55.08	\$40.00*
[Dual CPU] AMD Opteron 2214	2344	467	40.41	\$58.00*
[Dual CPU] AMD Opteron 2214 HE	2463	465	NA	NA
[Dual CPU] AMD Opteron 2216	2485	464	48.16	\$51.60

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2218	2719	457	17.00	\$159.90
[Dual CPU] AMD Opteron 2218 HE	2514	461	NA	NA
[Dual CPU] AMD Opteron 2220	2841	452	17.77	\$159.90
[Dual CPU] AMD Opteron 2220 SE	2882	450	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	447	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	441	45.30	\$71.90*
[Dual CPU] AMD Opteron 2346 HE	4095	431	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	438	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	432	25.50	\$159.90*
[Dual CPU] AMD Opteron 2354	4554	420	6.86	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	423	42.70	\$104.00*
[Dual CPU] AMD Opteron 2360 SE	5315	402	75.93	\$70.00
[Dual CPU] AMD Opteron 2373 EE	4164	429	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	416	36.92	\$130.00
[Dual CPU] AMD Opteron 2376	5238	403	15.70	\$333.62*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2378	5318	401	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5560	394	61.78	\$90.00
[Dual CPU] AMD Opteron 2384	5449	396	3.24	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6239	374	NA	NA
[Dual CPU] AMD Opteron 2389	5677	388	48.11	\$118.00*
[Dual CPU] AMD Opteron 2419	5191	405	216.47	\$23.98*
[Dual CPU] AMD Opteron 2425 HE	6209	375	NA	NA
[Dual CPU] AMD Opteron 2427	5907	385	45.44	\$130.00
[Dual CPU] AMD Opteron 2431	6438	368	80.48	\$80.00*
[Dual CPU] AMD Opteron 2435	7068	353	54.37	\$130.00
[Dual CPU] AMD Opteron 2439 SE	8071	323	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	433	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	390	24.58	\$229.90*
[Dual CPU] AMD Opteron 4170 HE	6344	371	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	369	7.77	\$819.90*
[Dual CPU] AMD Opteron 4184	7813	327	7.51	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	322	80.90	\$99.98*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 4234	8953	297	19.46	\$459.98*
[Dual CPU] AMD Opteron 4274 HE	6797	359	84.98	\$79.98*
[Dual CPU] AMD Opteron 4276 HE	9681	281	NA	NA
[Dual CPU] AMD Opteron 4280	4525	421	45.25	\$100.00*
[Dual CPU] AMD Opteron 4284	9151	290	76.27	\$119.98*
[Dual CPU] AMD Opteron 4334	9462	288	21.86	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	261	21.71	\$479.98*
[Dual CPU] AMD Opteron 4376 HE	10244	269	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11410	242	40.75	\$279.98*
[Dual CPU] AMD Opteron 6128	6762	360	178.04	\$37.98
[Dual CPU] AMD Opteron 6128 HE	5582	393	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	307	NA	NA
[Dual CPU] AMD Opteron 6134	7586	339	86.22	\$87.98*
[Dual CPU] AMD Opteron 6136	7255	347	32.98	\$220.00*
[Dual CPU] AMD Opteron 6164 HE	5109	408	NA	NA
[Dual CPU] AMD Opteron 6168	7741	333	6.67	\$1,159.90
[Dual CPU] AMD Opteron 6172	7621	338	19.24	\$396.00*
[Dual CPU] AMD Opteron 6174	7783	329	59.87	\$130.00
[Dual CPU] AMD Opteron 6176 SE	8448	312	26.57	\$318.00*
[Dual CPU] AMD Opteron 6180 SE	3114	444	16.40	\$189.90
[Dual CPU] AMD Opteron 6204	7134	349	50.96	\$139.98*
[Dual CPU] AMD Opteron 6212	8927	301	148.83	\$59.98*
[Dual CPU] AMD Opteron 6220	10740	256	89.51	\$119.98*
[Dual CPU] AMD Opteron 6234	10079	274	168.26	\$59.90*
[Dual CPU] AMD Opteron 6238	10349	263	14.38	\$719.78*
[Dual CPU] AMD Opteron 6272	9841	278	70.30	\$139.98
[Dual CPU] AMD Opteron 6274	10536	258	117.09	\$89.98
[Dual CPU] AMD Opteron 6275	10900	254	NA	NA
[Dual CPU] AMD Opteron 6276	10101	273	29.88	\$338.00
[Dual CPU] AMD Opteron 6284 SE	11985	235	17.12	\$699.98*
[Dual CPU] AMD Opteron 6308	8349	314	13.47	\$619.96
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6320	10716	257	20.88	\$513.18

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] AMD Opteron 6344	11203	247	14.40	\$778.00*
[Dual CPU] AMD Opteron 6348	11412	241	18.64	\$612.20
[Dual CPU] AMD Opteron 6366 HE	12147	228	202.52	\$59.98*
[Dual CPU] AMD Opteron 6376	10452	260	80.40	\$130.00
[Dual CPU] AMD Opteron 6378	9145	291	24.07	\$380.00
[Dual CPU] AMD Opteron 6380	14200	194	120.34	\$118.00
[Dual CPU] AMD Opteron 6386 SE	12195	227	42.05	\$289.98
[Dual CPU] AMD Opteron 8218	2831	453	61.54	\$46.00*
[Dual CPU] AMD Opteron 8220	2510	462	15.70	\$159.90
[Dual CPU] AMD Opteron 8222 SE	2793	455	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	442	67.15	\$48.00
[Dual CPU] AMD Opteron 8380	5643	391	13.70	\$412.02*
[Dual CPU] AMD Opteron 8381 HE	5210	404	NA	NA
[Dual CPU] AMD Opteron 8389	6517	365	41.25	\$158.00*
[Dual CPU] AMD Opteron 8431	5813	386	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	361	46.80	\$144.00*
[Dual CPU] AMD Opteron 8439 SE	7691	336	64.09	\$120.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	483	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	469	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	437	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	326	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	504	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	502	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	539	499	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	540	498	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	505	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	506	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	503	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	501	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	496	NA	NA

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 3.00GHz	771	491	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	494	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	852	489	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	488	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	927	487	0.54	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1854	476	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	486	0.58	\$1,702.00*
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2137	473	30.53	\$70.00*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2315	468	0.71	\$3,239.98*
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2620	459	26.74	\$97.98*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	445	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2975	448	59.52	\$49.98*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	446	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3409	439	12.18	\$279.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3825	435	38.26	\$99.98*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8929	300	18.64	\$479.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11007	251	15.45	\$712.54*
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	376	64.96	\$95.50*
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	373	141.98	\$44.40*
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7303	345	43.00	\$169.84*
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	294	12.53	\$719.90
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11299	244	14.49	\$780.04*
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11910	236	143.25	\$83.14
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	317	NA	NA
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13220	213	65.37	\$202.24*
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	198	157.40	\$87.44
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	10818	255	167.57	\$64.56*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2440 @ 2.40GHz	12419	222	155.28	\$79.98*
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	215	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2448L @ 1.80GHz	11334	243	NA	NA
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	14276	193	119.01	\$119.96
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	15106	185	77.83	\$194.08
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11807	237	45.41	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	13442	207	52.51	\$256.00*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	147	43.06	\$431.28*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	372	66.25	\$95.70*
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	364	34.15	\$190.94
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8369	313	62.24	\$134.46*
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8932	299	17.18	\$520.00*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8162	320	145.96	\$55.92*
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	9021	293	145.55	\$61.98
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	10029	276	47.29	\$212.06
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10993	252	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12231	226	210.95	\$57.98
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13231	212	165.43	\$79.98
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15269	181	131.15	\$116.42
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16432	167	20.71	\$793.50
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14339	192	11.05	\$1,298.00*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12620	218	11.49	\$1,098.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2630 @ 1.90GHz				
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13443	206	168.29	\$79.88*
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	15933	173	181.30	\$87.88
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18449	151	99.19	\$186.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18725	146	16.75	\$1,118.00
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11172	248	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13706	200	184.47	\$74.30
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	183	22.33	\$679.90*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7706	335	4.35	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15882	175	113.46	\$139.98
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16395	169	65.42	\$250.60
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16703	166	3.78	\$4,417.90
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14650	189	72.08	\$203.26
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14505	191	46.11	\$314.58
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	19817	130	73.40	\$270.00*
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 v4 @ 2.40GHz	20295	125	11.03	\$1,840.54*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13668	201	115.89	\$117.94*
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	20686	121	67.89	\$304.72
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21029	114	40.44	\$519.98
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21534	108	5.98	\$3,603.92
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12399	223	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	13801	197	4.67	\$2,958.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 @ 1.80GHz	15036	186	172.83	\$87.00
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	18821	145	107.44	\$175.18
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20290	126	78.04	\$259.98
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20809	118	10.31	\$2,018.00*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	13621	204	51.13	\$266.40
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14004	195	93.36	\$150.00
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	115	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2652 v3 @ 2.30GHz	19588	134	8.36	\$2,342.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13855	196	4.74	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	144	52.29	\$359.98*
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	137	NA	NA
[Dual CPU] Intel Xeon E5-2658A v3 @ 2.20GHz	17786	156	4.85	\$3,664.00*
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16405	168	74.24	\$220.98
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	17860	155	41.95	\$425.78*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22374	101	34.96	\$639.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23086	90	7.70	\$2,999.98*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23137	89	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17003	162	83.05	\$204.74*
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	75	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	16387	170	158.48	\$103.40*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22694	96	42.03	\$539.98
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	22604	97	36.58	\$618.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2670 @ 3.20GHz	18145	152	62.57	\$290.00
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20642	123	49.38	\$418.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22298	102	71.93	\$309.98
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	86	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	21751	107	15.54	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	26537	65	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19762	131	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	20856	117	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	42	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18565	149	124.90	\$148.64
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21461	109	75.41	\$284.60
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24195	81	57.61	\$419.98
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	22761	94	7.54	\$3,018.00*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	163	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21194	113	20.78	\$1,019.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	73	5.66	\$4,417.86*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	104	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26907	62	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	52	NA	NA
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20792	119	50.22	\$414.00
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23351	87	34.85	\$670.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.10GHz	26649	63	6.13	\$4,349.98*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19349	140	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	25703	70	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19649	132	75.98	\$258.62
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23598	83	43.29	\$545.16*
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25787	69	56.06	\$460.00
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27411	59	6.32	\$4,339.98*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20789	120	39.98	\$519.98
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24793	76	25.30	\$979.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	24651	79	2.12	\$11,616.00*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23478	85	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30334	41	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31774	35	5.28	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23297	88	37.70	\$618.00
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	27386	60	27.94	\$980.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30440	40	4.98	\$6,109.98*
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	29460	46	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	28325	55	23.26	\$1,218.00
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.10GHz	30833	39	4.78	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	33	4.44	\$7,259.18*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	82	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26542	64	10.98	\$2,418.00*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	122	NA	NA
[Dual CPU] Intel Xeon E5-4617 @ 2.90GHz	15383	179	85.56	\$179.80*
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	136	19.15	\$1,017.90*
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	174	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	141	35.31	\$544.08*
[Dual CPU] Intel Xeon E5-4640 v3 @ 1.90GHz	20468	124	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	135	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	18565	148	132.63	\$139.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	187	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650 v4 @ 2.20GHz	21855	106	2.85	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	13742	199	91.64	\$149.96*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	99	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	58	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	229	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	176	NA	NA
[Dual CPU] Intel Xeon E7-4830 @ 2.13GHz	9539	287	147.66	\$64.60*
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	100	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	233	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15263	182	40.38	\$378.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10965	253	27.41	\$399.98*
[Dual CPU] Intel Xeon E7- 8870 @ 2.40GHz	10207	271	1.02	\$10,017.02*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	470	120.97	\$18.84*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3554	436	36.27	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4164	428	53.73	\$77.50*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	411	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4559	419	128.28	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5120	407	64.02	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5134	406	64.26	\$79.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6007	382	14.37	\$417.90*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6348	370	50.42	\$125.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6827	358	22.03	\$309.90
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7119	350	35.95	\$198.00*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7499	342	12.54	\$597.88*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7083	352	129.73	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7774	330	129.39	\$60.08*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2492	463	13.12	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2805	454	4.89	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4859	415	34.73	\$139.90*
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	4992	410	39.61	\$126.02*
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5408	398	5.92	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7289	346	75.13	\$97.02*
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7574	340	291.31	\$26.00*
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7722	334	65.44	\$118.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4139	430	16.04	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5505	395	16.48	\$334.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5947	384	42.96	\$138.42*
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	7980	325	67.64	\$117.98*
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	315	118.94	\$70.00*
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8666	306	154.81	\$55.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10216	270	62.82	\$162.62*
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10259	267	49.29	\$208.14*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	397	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	400	29.87	\$179.98*
[Dual CPU] Intel Xeon E7540 @ 2.00GHz	6738	362	210.96	\$31.94*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	22011	105	10.06	\$2,188.38

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	112	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	22810	93	10.55	\$2,161.74*
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25109	72	8.04	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17463	158	6.88	\$2,539.98
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22537	98	9.23	\$2,442.00*
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	22282	103	7.32	\$3,044.00*
[Dual CPU] Intel Xeon Gold 5218 @ 2.30GHz	17384	160	5.98	\$2,905.48
[Dual CPU] Intel Xeon Gold 5218T @ 2.10GHz	27355	61	10.14	\$2,698.00*
[Dual CPU] Intel Xeon Gold 5220 @ 2.20GHz	22983	91	6.92	\$3,319.90*
[Dual CPU] Intel Xeon Gold 5222 @ 3.80GHz	19113	143	7.19	\$2,657.06
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	28610	53	7.57	\$3,779.94*
[Dual CPU] Intel Xeon Gold 6126T @ 2.60GHz	19161	142	5.14	\$3,730.00*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22725	95	6.46	\$3,519.50*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	26366	66	7.39	\$3,566.18
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	57	6.26	\$4,399.80*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	24666	78	5.46	\$4,520.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	29725	44	5.69	\$5,227.18*
[Dual CPU] Intel Xeon Gold 6137 @ 3.90GHz	27932	56	NA	NA
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	34320	25	6.55	\$5,238.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	32589	32	6.68	\$4,879.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	50	4.72	\$6,116.66*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Gold 6142 @ 2.80GHz	28802	51	4.67	\$6,170.00
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	29655	45	3.22	\$9,217.90*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	36731	18	6.28	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	32941	31	5.01	\$6,569.90*
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	33142	29	3.98	\$8,329.46
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	37168	16	5.00	\$7,437.90
[Dual CPU] Intel Xeon Gold 6234 @ 3.30GHz	24959	74	4.89	\$5,104.66
[Dual CPU] Intel Xeon Gold 6240 @ 2.60GHz	35808	22	7.30	\$4,902.00*
[Dual CPU] Intel Xeon Gold 6242 @ 2.80GHz	33019	30	6.19	\$5,335.32
[Dual CPU] Intel Xeon Gold 6244 @ 3.60GHz	31379	37	4.82	\$6,509.68*
[Dual CPU] Intel Xeon Gold 6246 @ 3.30GHz	33741	27	5.13	\$6,572.00*
[Dual CPU] Intel Xeon Gold 6248 @ 2.50GHz	38755	11	5.87	\$6,599.98*
[Dual CPU] Intel Xeon Gold 6252 @ 2.10GHz	37405	14	4.67	\$8,011.90
[Dual CPU] Intel Xeon Gold 6254 @ 3.10GHz	41148	7	5.55	\$7,418.00*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	422	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	426	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	413	130.15	\$37.58*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	392	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	378	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6453	367	117.33	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	381	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	412	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	356	NA	NA
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6961	355	271.49	\$25.64*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7553	341	196.08	\$38.52*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	6973	354	166.10	\$41.98*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8693	304	62.18	\$139.80*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9676	282	58.04	\$166.72*
[Dual CPU] Intel Xeon MP 2.50GHz	550	497	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	538	500	5.98	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	493	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	478	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36271	20	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	37838	13	2.46	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8160T @ 2.10GHz	29251	47	2.96	\$9,872.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39589	10	3.36	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	36410	19	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	21	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	37312	15	1.86	\$20,030.00*
[Dual CPU] Intel Xeon Platinum 8260 @ 2.40GHz	38202	12	4.42	\$8,651.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon Platinum 8268 @ 2.90GHz	41119	8	3.65	\$11,260.00*
[Dual CPU] Intel Xeon Platinum 8275CL @ 3.00GHz	43870	5	NA	NA
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15972	172	15.66	\$1,019.90*
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16817	165	18.13	\$927.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13332	210	12.97	\$1,027.98*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19355	139	16.80	\$1,151.78
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	21435	111	11.85	\$1,808.50*
[Dual CPU] Intel Xeon Silver 4209T @ 2.20GHz	20002	129	19.96	\$1,002.00*
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25402	71	15.56	\$1,633.02
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10070	275	72.98	\$137.98
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10249	268	2.04	\$5,017.90*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is	Rank (lower is	CPU Value (higher is	Price (USD)
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4757	417	44.05	\$108.00*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	418	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	414	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5729	387	9.24	\$619.90*
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6200	377	39.75	\$155.98*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7436	343	62.01	\$119.92*
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7791	328	39.04	\$199.56*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8101	321	21.43	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7769	331	17.26	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8166	319	40.83	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8672	305	3.12	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8750	302	14.35	\$609.70*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	8995	295	132.32	\$67.98*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9277	289	19.33	\$479.90*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9563	285	239.91	\$39.86*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11231	245	78.66	\$142.78*
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11637	239	92.25	\$126.14
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	10277	266	220.25	\$46.66*
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12088	230	177.76	\$68.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10314	264	114.63	\$89.98*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12446	219	117.44	\$105.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11163	249	65.66	\$170.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13428	208	NA	NA
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13341	209	100.67	\$132.52
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11736	238	147.18	\$79.74*
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13650	202	56.15	\$243.10
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	311	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	363	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	303	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7542 @ 2.67GHz	8972	296	13.22	\$678.48*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	277	18.07	\$550.00*
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11230	246	255.23	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	427	46.34	\$90.00

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8350	4290	425	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	424	33.66	\$130.00
[Dual CPU] Quad-Core AMD Opteron 8378	5382	399	30.51	\$176.42*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	357	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	389	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	383	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	316	NA	NA
[Quad CPU] AMD Opteron 6136	9767	279	22.20	\$440.00*
[Quad CPU] AMD Opteron 6174	8594	309	33.05	\$260.00
[Quad CPU] AMD Opteron 6272	12292	225	43.91	\$279.96
[Quad CPU] AMD Opteron 6274	10488	259	58.28	\$179.96
[Quad CPU] AMD Opteron 6276	15342	180	22.70	\$676.00
[Quad CPU] AMD Opteron 6278	12055	231	24.31	\$495.80
[Quad CPU] AMD Opteron 6282 SE	11044	250	4.31	\$2,560.00
[Quad CPU] AMD Opteron 6376	13257	211	50.99	\$260.00
[Quad CPU] AMD Opteron 6378	20859	116	27.45	\$760.00
[Quad CPU] AMD Opteron 6380	12442	220	52.72	\$236.00
[Quad CPU] AMD Opteron 8360 SE	6490	366	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	379	NA	NA
[Quad CPU] AMD Opteron 8382	8553	310	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	344	NA	NA
[Quad CPU] AMD Opteron 8431	8252	318	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	351	24.65	\$288.00*
[Quad CPU] AMD Opteron 8439 SE	8943	298	37.26	\$240.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	479	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	440	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	164	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	14669	188	27.32	\$536.84*

 CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	77	12.12	\$2,035.80*
[Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	19643	133	1.80	\$10,920.00*
[Quad CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	20036	128	18.41	\$1,088.16*
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	17127	161	61.18	\$279.96*
[Quad CPU] Intel Xeon E5-4650 v2 @ 2.40GHz	26203	67	12.87	\$2,035.80*
[Quad CPU] Intel Xeon E5-4650L @ 2.60GHz	18557	150	61.87	\$299.92*
[Quad CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	30855	38	2.14	\$14,436.00*
[Quad CPU] Intel Xeon E7-4820 v4 @ 2.00GHz	20211	127	3.36	\$6,008.00*
[Quad CPU] Intel Xeon E7-4830 @ 2.13GHz	13606	205	105.31	\$129.20*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	171	NA	NA
[Quad CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	34471	24	1.39	\$24,800.00*
[Quad CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	28569	54	1.25	\$22,916.00*
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	34	NA	NA
[Quad CPU] Intel Xeon E7-8895 v2 @ 2.80GHz	36830	17	NA	NA
[Quad CPU] Intel Xeon E7-4850 @ 2.00GHz	15433	177	96.48	\$159.96*
[Quad CPU] Intel Xeon E7-4860 @ 2.27GHz	17398	159	131.84	\$131.96*
[Quad CPU] Intel Xeon E7-4870 @ 2.40GHz	15429	178	20.41	\$756.00*
[Quad CPU] Intel Xeon E7-8837 @ 2.67GHz	12698	217	15.87	\$799.96*
[Quad CPU] Intel Xeon E7-8870 @ 2.40GHz	17965	154	0.90	\$20,034.04*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	6081	380	17.89	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	332	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	272	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	284	40.56	\$236.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

[Home](#) CPU Benchmarks ▼

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	68	5.15	\$5,079.96
[Quad CPU] Intel Xeon Gold 6142M @ 2.60GHz	34600	23	NA	NA
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	9	2.45	\$16,658.92
[Quad CPU] Intel Xeon Gold 6248 @ 2.50GHz	41863	6	3.17	\$13,199.96*
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	280	NA	NA
[Quad CPU] Intel Xeon L7555 @ 1.87GHz	10406	262	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	286	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12029	232	4.24	\$2,835.80*
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	308	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	240	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	12824	216	145.73	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	348	27.58	\$260.00

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