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CPU Benchmarks

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CPU List

Below is an alphabetical list of all CPU types that appear in the charts. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you. Results for **Single CPU Systems** and **Multiple CPU Systems** are listed separately.



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Single CPU Systems

 Find CPU

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
VIA Samuel 2	79	2787	NA	NA
AMD-K6 3D	90	2786	NA	NA
VIA C3 Ezra	100	2785	NA	NA
Intel Pentium III Mobile 750MHz	103	2784	NA	NA
AMD-K6-III	108	2783	NA	NA
AMD Athlon 64 2000+	116	2782	NA	NA
Intel Pentium 4 1300MHz	119	2781	NA	NA
VIA Eden 1000MHz	123	2780	NA	NA
Intel Pentium 4 1500MHz	125	2779	NA	NA
Intel Pentium 4 1400MHz	127	2778	NA	NA
Intel Pentium 4 1.60GHz	129	2777	NA	NA
Intel Celeron 1.70GHz	130	2776	NA	NA
Intel Pentium 4 1.50GHz	131	2775	NA	NA
Intel Pentium 4 1.70GHz	132	2774	NA	NA
Intel Celeron 1.80GHz	136	2773	NA	NA
VIA C7-M 1200MHz	140	2772	NA	NA
VIA Eden 1200MHz	142	2771	NA	NA
VIA Esther 1000MHz	146	2770	NA	NA
Intel Celeron 600MHz	147	2769	NA	NA
Intel Pentium 4 Mobile 1.40GHz	149	2768	NA	NA
Intel Celeron M 600MHz	151	2767	NA	NA
Intel Pentium III Mobile 866MHz	152	2766	NA	NA
Intel Pentium 4 1700MHz	154	2765	NA	NA
VIA Eden 800MHz	155	2763	NA	NA
VIA Nehemiah	155	2764	NA	NA
Intel Pentium 4 1.90GHz	159	2762	NA	NA
Intel Pentium 4 1.80GHz	160	2761	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 1800MHz	162	2760	NA	NA
Intel Pentium 4 1.40GHz	164	2758	NA	NA
VIA C7-M 1000MHz	164	2759	NA	NA
Mobile Intel Celeron 1.20GHz	170	2757	NA	NA
Mobile Intel Pentium 4 - M 1.70GHz	173	2756	0.63	\$273.64
Intel Celeron 1100MHz	174	2755	NA	NA
Intel Pentium 4 Mobile 1.80GHz	175	2754	NA	NA
Mobile Intel Pentium 4 - M 1.80GHz	175	2753	NA	NA
Intel Pentium 4 Mobile 1.60GHz	178	2751	NA	NA
VIA C7-M 1600MHz	178	2752	NA	NA
Mobile Intel Celeron 1.70GHz	181	2750	NA	NA
Intel Pentium III Mobile 800MHz	182	2749	NA	NA
Intel Celeron M ULV 800MHz	184	2748	NA	NA
Intel Pentium 4 4.00GHz	184	2746	NA	NA
Mobile AMD Athlon XP-M 1400+	184	2747	NA	NA
Intel Celeron 2.00GHz	185	2745	NA	NA
Intel Celeron B710 @ 1.60GHz	186	2743	NA	NA
Mobile Intel Celeron 1.80GHz	186	2744	NA	NA
Mobile Intel Celeron 1.50GHz	188	2741	NA	NA
Mobile Intel Celeron 1.60GHz	188	2742	NA	NA
Intel Pentium 4 2.00GHz	189	2740	NA	NA
Intel Pentium 4 1600MHz	193	2739	0.30	\$647.45*
Intel Xeon 1500MHz	193	2738	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	2737	4.33	\$45.00*
Intel Pentium 4 3.83GHz	195	2735	NA	NA
Mobile Intel Pentium 4 - M 1.60GHz	195	2736	NA	NA
Intel Pentium 4 Mobile 1.50GHz	197	2734	NA	NA
Mobile Intel Pentium 4 - M 2.20GHz	198	2733	NA	NA
Mobile Intel Pentium III - M 933MHz	200	2732	NA	NA
Intel Pentium 4 Mobile 2.00GHz	202	2730	NA	NA
Mobile Intel Pentium 4 - M 2.00GHz	202	2731	NA	NA
AMD G-T40R	203	2729	NA	NA
VIA C7-D 1800MHz	203	2728	NA	NA
Intel Celeron M 900MHz	204	2727	NA	NA
Mobile Intel Celeron 2.00GHz	204	2726	NA	NA
Intel Celeron M 1.00GHz	207	2725	16.60	\$12.49
Intel Celeron 2.13GHz	208	2724	NA	NA
Intel Pentium 4 Mobile 1.70GHz	208	2723	NA	NA
Intel Pentium 4 Mobile 1.90GHz	209	2722	NA	NA
Intel Pentium 4 2.20GHz	210	2721	NA	NA
Mobile Intel Pentium III - M 866MHz	211	2720	NA	NA
Intel Celeron 1000MHz	213	2718	NA	NA
Intel Celeron 2.20GHz	213	2719	NA	NA
Mobile Intel Pentium 4 - M 2.40GHz	213	2717	NA	NA
Intel Atom Z520 @ 1.33GHz	215	2716	NA	NA
Intel Celeron 2.40GHz	217	2714	NA	NA
Intel Pentium M 900MHz	217	2715	NA	NA
Intel Atom Z515 @ 1.20GHz	218	2713	NA	NA
Intel Pentium III Mobile 933MHz	218	2712	7.55	\$28.99*
VIA Esther 1500MHz	219	2711	NA	NA
Intel Pentium 4 2.26GHz	221	2710	NA	NA
VIA C7-M 6300MHz	222	2709	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.26GHz	223	2708	NA	NA
Mobile Intel Pentium III - M 1200MHz	224	2707	NA	NA
Mobile Intel Celeron 2.20GHz	226	2706	NA	NA
AMD G-T44R	227	2704	NA	NA
Intel Celeron 2.30GHz	227	2705	NA	NA
Intel Pentium 4 2.40GHz	228	2703	NA	NA
AMD Athlon MP	230	2702	4.20	\$54.95*
Mobile Intel Pentium 4 - M 1.90GHz	232	2701	NA	NA
Intel Pentium M 1000MHz	233	2700	NA	NA
Intel Xeon 2.00GHz	233	2699	NA	NA
AMD Athlon XP1700+	234	2698	NA	NA
Intel Pentium M 1200MHz	237	2697	NA	NA
Intel Celeron 2.60GHz	238	2695	NA	NA
Intel Pentium III 933S @ 933MHz	238	2696	NA	NA
Mobile Intel Celeron 2.40GHz	239	2694	NA	NA
Intel Atom Z670 @ 1.50GHz	243	2692	NA	NA
Intel Pentium III Mobile 1200MHz	243	2693	NA	NA
Intel Celeron 1200MHz	244	2691	NA	NA
Intel Celeron 2.10GHz	244	2690	NA	NA
Intel Celeron 2.53GHz	245	2688	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2.70GHz	245	2689	NA	NA
Intel Pentium 4 2.50GHz	245	2687	NA	NA
Intel Pentium III Mobile 1000MHz	245	2686	NA	NA
Intel Pentium III Mobile 1066MHz	246	2685	NA	NA
Intel Celeron 2.50GHz	247	2684	NA	NA
Intel Pentium 4 2.53GHz	248	2683	NA	NA
Intel Celeron 2.66GHz	250	2680	NA	NA
Mobile Intel Pentium III - M 1000MHz	250	2682	NA	NA
VIA Esther 1300MHz	250	2681	NA	NA
Intel Pentium III Mobile 1133MHz	251	2679	NA	NA
Intel XEON 2.20GHz	252	2677	NA	NA
Mobile AMD Sempron 2100+	252	2678	NA	NA
Intel Celeron M 443 @ 1.20GHz	253	2676	NA	NA
Intel Celeron 2.80GHz	254	2674	NA	NA
Intel Pentium 4 2.66GHz	254	2675	NA	NA
Mobile Intel Pentium 4 - M 2.50GHz	256	2673	NA	NA
AMD Athlon XP 1500+	257	2672	NA	NA
Mobile AMD Athlon XP-M 1600+	257	2671	NA	NA
Intel Celeron 1066MHz	259	2669	NA	NA
Intel Pentium M 1100MHz	259	2670	NA	NA
Intel Atom N435 @ 1.33GHz	261	2668	NA	NA
Mobile AMD Athlon XP-M 1500+	261	2667	NA	NA
AMD Geode NX	264	2665	NA	NA
Mobile Intel Pentium 4 2.40GHz	264	2666	NA	NA
Mobile AMD Athlon MP-M 1800+	265	2664	NA	NA
Mobile AMD Athlon 1400+	266	2663	NA	NA
AMD Athlon XP 1600+	267	2662	NA	NA
AMD Sempron 200U	267	2661	3.08	\$87.00*
Intel Atom N270 @ 1.60GHz	268	2660	NA	NA
Intel Celeron D 347 @ 3.06GHz	270	2659	NA	NA
AMD Athlon XP 1700+	271	2656	NA	NA
Intel Atom E660 @ 1.30GHz	271	2657	5.03	\$54.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo U1300 @ 1.06GHz	271	2658	NA	NA
VIA Nano U2250@1300+MHz	274	2655	NA	NA
Intel Celeron M 1200MHz	275	2654	NA	NA
VIA Nano U3500@1000MHz	275	2653	NA	NA
Intel Xeon 2.40GHz	276	2652	30.35	\$9.10*
Intel Core Solo U1400 @ 1.20GHz	278	2650	NA	NA
Intel Pentium III 1200 @ 1200MHz	278	2649	NA	NA
Mobile Intel Pentium 4 2.30GHz	278	2651	6.38	\$43.56*
AMD Athlon 4	279	2647	7.00	\$39.99
Mobile Intel Pentium 4 2.66GHz	279	2648	NA	NA
Mobile Intel Celeron 1333MHz	280	2646	NA	NA
AMD Athlon XP1600+	281	2642	NA	NA
AMD Sempron 2200+	281	2645	9.38	\$29.99*
Intel Atom Z530 @ 1.60GHz	281	2644	NA	NA
Mobile Intel Celeron 2.50GHz	281	2643	NA	NA
AMD Athlon XP 1500	282	2641	NA	NA
Intel Celeron 1133MHz	282	2639	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	2640	NA	NA
Intel Atom N280 @ 1.66GHz	283	2638	NA	NA
Intel Celeron 2.93GHz	283	2637	NA	NA
Intel Atom N455 @ 1.66GHz	284	2634	NA	NA
Intel Pentium III 1133 @ 1133MHz	284	2635	NA	NA
VIA C7 1500MHz	284	2636	NA	NA
Intel Celeron 3.06GHz	285	2633	NA	NA
AMD Athlon XP2100+	287	2632	NA	NA
VIA C7-D 1500MHz	287	2631	NA	NA
686 Gen	288	2627	NA	NA
AMD Athlon 7850 Dual-Core 2.8G	288	2630	NA	NA
Intel Celeron 1300MHz	288	2628	NA	NA
Intel Celeron 3.20GHz	288	2626	NA	NA
Intel Pentium 4 2.60GHz	288	2629	NA	NA
Mobile AMD Athlon XP-M (LV) 1500+	288	2625	NA	NA
Mobile Intel Pentium III - M 1133MHz	289	2623	NA	NA
Mobile Intel Pentium III - M 1333MHz	289	2624	NA	NA
Intel Celeron 1333MHz	290	2622	NA	NA
AMD Geode NX 1750	291	2621	NA	NA
AMD Athlon 1500+	294	2620	NA	NA
Mobile Intel Celeron 1200MHz	294	2619	NA	NA
Mobile AMD Athlon MP-M 2400+	295	2618	NA	NA
Mobile AMD Athlon XP-M (LV) 1600+	296	2617	NA	NA
VIA Nano L2207@1600MHz	296	2616	NA	NA
Intel Atom N450 @ 1.66GHz	297	2615	NA	NA
Intel Pentium III 1400 @ 1400MHz	297	2614	NA	NA
Mobile AMD Athlon XP-M 1800+	297	2613	NA	NA
Intel Pentium M 1.20GHz	298	2612	NA	NA
AMD Athlon XP 2000+	299	2608	12.00	\$24.99*
AMD V105	299	2609	NA	NA
Intel Pentium 4 2.93GHz	299	2611	NA	NA
Intel Pentium III 1400S @ 1400MHz	299	2610	NA	NA
AMD Athlon XP 1800+	300	2607	5.10	\$58.95*
Mobile AMD Athlon XP-M 2000+	300	2606	NA	NA
Intel Atom D410 @ 1.66GHz	301	2605	0.47	\$635.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.30GHz	301	2604	NA	NA
Intel Celeron 1400MHz	302	2602	NA	NA
Intel Celeron D 352 @ 3.20GHz	302	2603	NA	NA
AMD G-T52R	303	2601	NA	NA
Intel Celeron M 1300MHz	303	2600	NA	NA
Intel Pentium M 1300MHz	303	2599	NA	NA
Intel Atom N2100 @ 1.60GHz	305	2598	NA	NA
AMD Athlon L110	306	2596	NA	NA
VIA Nano U2500@1200MHz	306	2597	NA	NA
Intel Atom 230 @ 1.60GHz	307	2595	NA	NA
Intel Atom N470 @ 1.83GHz	307	2594	NA	NA
Intel Pentium III 1266S @ 1266MHz	309	2593	NA	NA
AMD C-30	310	2592	NA	NA
Intel Core2 Solo U2200 @ 1.20GHz	311	2591	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 1900+	312	2590	NA	NA
AMD Sempron 2400+	313	2589	11.62	\$27.00*
Mobile Intel Pentium 4 - M 2.60GHz	313	2588	NA	NA
Intel Atom N475 @ 1.83GHz	314	2586	NA	NA
Mobile AMD Athlon 4	314	2587	3.62	\$86.99*
Intel Celeron D 356 @ 3.33GHz	315	2583	NA	NA
Intel Celeron M 410 @ 1.46GHz	315	2584	NA	NA
Mobile Intel Pentium 4 2.80GHz	315	2585	NA	NA
Intel Celeron M 1.30GHz	316	2582	NA	NA
AMD E-240	318	2580	NA	NA
AMD Sempron 2300+	318	2581	7.07	\$45.00*
Intel Celeron 220 @ 1.20GHz	320	2579	NA	NA
Intel Pentium 4 2.80GHz	321	2577	NA	NA
Intel Pentium M 1400MHz	321	2578	NA	NA
Intel Celeron 215 @ 1.33GHz	322	2576	NA	NA
AMD Athlon XP 2100+	323	2574	NA	NA
Mobile AMD Athlon XP-M 1700+	323	2575	NA	NA
Intel Celeron M 360 1.40GHz	327	2573	NA	NA
AMD Athlon XP 2200+	328	2572	3.87	\$84.95*
Intel Core Solo U1500 @ 1.33GHz	330	2571	NA	NA
Intel Atom E3815 @ 1.46GHz	331	2570	2.22	\$149.00
Intel Celeron M 1500MHz	332	2569	NA	NA
Intel Pentium M 1600MHz	332	2568	NA	NA
Intel Celeron 3.33GHz	333	2567	NA	NA
Intel Celeron D 360 @ 3.46GHz	334	2566	NA	NA
AMD Sempron 2500+	335	2564	4.20	\$79.95*
Mobile AMD Athlon XP-M (LV) 2000+	335	2565	NA	NA
Mobile Intel Pentium 4 3.06GHz	337	2563	NA	NA
AMD Athlon MP 1700+	339	2562	NA	NA
Intel Celeron M 420 @ 1.60GHz	339	2561	NA	NA
Mobile AMD Athlon XP-M 1900+	342	2560	NA	NA
Intel Celeron M 1.50GHz	343	2559	NA	NA
AMD Athlon XP 1700	344	2558	NA	NA
Intel Atom D425 @ 1.80GHz	345	2557	0.35	\$992.98*
Intel Pentium M 1.40GHz	345	2556	NA	NA
Intel Atom E680 @ 1.60GHz	346	2554	NA	NA
Mobile AMD Athlon XP-M 2400+	346	2555	NA	NA
Mobile AMD Athlon XP-M 2500+	346	2553	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.06GHz	347	2552	NA	NA
Intel Atom Z540 @ 1.86GHz	348	2551	NA	NA
AMD Athlon 1700+	349	2550	NA	NA
Intel Core2 Solo U2100 @ 1.06GHz	350	2549	NA	NA
VIA Eden C1050@1.06GHz	352	2548	NA	NA
AMD Athlon XP1900+	353	2546	NA	NA
Intel Pentium 4 3.00GHz	353	2547	NA	NA
Intel Pentium M 1500MHz	354	2544	NA	NA
Mobile AMD Sempron 3200+	354	2545	NA	NA
AMD Athlon XP 2500+	355	2543	NA	NA
Mobile Intel Pentium 4 3.20GHz	356	2542	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon TF-36	358	2540	NA	NA
Mobile AMD Athlon 4 2400+	358	2541	NA	NA
AMD Athlon XP 2400+	360	2539	4.01	\$89.99*
Mobile AMD Sempron 2800+	361	2538	NA	NA
AMD Athlon 2200+	363	2537	4.55	\$79.99*
Intel Pentium M 1.60GHz	364	2536	NA	NA
Mobile AMD Athlon XP-M 2200+	364	2535	NA	NA
Intel Celeron M 1.60GHz	365	2534	NA	NA
Mobile AMD Athlon XP-M 2800+	365	2533	NA	NA
Mobile AMD Athlon XP-M 3000+	365	2532	NA	NA
Intel Pentium M 1.50GHz	366	2531	NA	NA
AMD Athlon XP Pro3+	367	2529	NA	NA
Intel Celeron M 430 @ 1.73GHz	367	2530	NA	NA
VIA C7-D 2000MHz	368	2528	NA	NA
Intel Celeron 807UE @ 1.00GHz	369	2527	NA	NA
VIA Nano L2007@1600MHz	369	2526	NA	NA
Mobile AMD Athlon 2500+	370	2525	NA	NA
Mobile AMD Athlon XP-M 2600+	370	2524	NA	NA
AMD Athlon XP 2600+	372	2523	16.18	\$23.03*
AMD Sempron 2600+	373	2521	10.70	\$34.95
Mobile AMD Athlon XP-M (LV) 2200+	373	2522	NA	NA
AMD Athlon 2500+	374	2518	2.04	\$183.99*
AMD Athlon 64 2600+	374	2520	NA	NA
AMD Athlon XP2400+	374	2519	NA	NA
Intel Pentium 4 3.20GHz	374	2517	NA	NA
Intel Pentium M 1700MHz	376	2516	NA	NA
VIA Nano U2250 (1.6GHz Capable)	377	2515	NA	NA
AMD Turion 64 Mobile MT-30	378	2513	NA	NA
Mobile AMD Athlon MP-M 2000+	378	2514	NA	NA
AMD Sempron 3500+	379	2512	18.98	\$20.00*
AMD Athlon 64 FX-34	380	2511	NA	NA
Intel Atom Z550 @ 2.00GHz	381	2510	NA	NA
AMD Sempron 2800+	383	2509	19.19	\$19.99
Mobile AMD Sempron 3000+	389	2508	NA	NA
AMD Athlon 2000+	390	2507	NA	NA
AMD Turion 64 Mobile ML-28	390	2506	NA	NA
AMD Sempron 210U	391	2505	NA	NA
Intel Xeon 3.00GHz	391	2504	NA	NA
AMD Sempron 2100+	392	2503	NA	NA
AMD Athlon XP 2700+	393	2500	4.64	\$84.79*
Intel Celeron M 1.70GHz	393	2502	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core Solo T1300 @ 1.66GHz	393	2501	NA	NA
Mobile AMD Sempron 2600+	394	2499	NA	NA
VIA Esther 2000MHz	394	2498	NA	NA
AMD Opteron 140	396	2496	0.56	\$710.00*
Intel Core Solo T1350 @ 1.86GHz	396	2495	NA	NA
Intel Pentium 4 3.40GHz	396	2497	NA	NA
Intel Celeron M 440 @ 1.86GHz	397	2494	NA	NA
Mobile AMD Athlon 64 2700+	398	2493	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon XP 2800+	399	2492	NA	NA
Intel Xeon 2.80GHz	400	2491	NA	NA
AMD Athlon XP2200+	401	2489	NA	NA
AMD GX-210JA SOC	401	2490	NA	NA
AMD Athlon XP 3000+	402	2488	5.05	\$79.70*
AMD Turion 64 Mobile ML-30	402	2487	NA	NA
AMD K7	403	2485	NA	NA
AMD-K7	403	2486	NA	NA
Intel Atom D2500 @ 1.86GHz	404	2484	NA	NA
Intel Celeron D 365 @ 3.60GHz	404	2483	4.50	\$89.95*
Intel Celeron 723 @ 1.20GHz	405	2482	NA	NA
Intel Pentium SU2700 @ 1.30GHz	405	2481	NA	NA
AMD Sempron 3200+	406	2479	31.29	\$13.00*
Intel Pentium M 1.70GHz	406	2480	NA	NA
AMD Turion 64 Mobile ML-32	408	2477	NA	NA
Mobile AMD Sempron 3500+	408	2478	NA	NA
AMD Athlon 2650e	409	2474	21.56	\$19.00*
AMD Athlon Neo MV-40	409	2475	NA	NA
AMD Sempron 3000+	409	2476	8.19	\$49.95
Intel Pentium M 1.80GHz	409	2473	NA	NA
VIA Nano U3300@1200MHz	409	2472	NA	NA
AMD Athlon 2100+	412	2471	NA	NA
Intel Pentium M 1.73GHz	412	2470	NA	NA
AMD Athlon TF-20	413	2469	NA	NA
Intel Core2 Solo U3300 @ 1.20GHz	415	2468	NA	NA
Mobile AMD Sempron 3100+	416	2467	NA	NA
AMD Turion 64 Mobile MT-28	419	2466	NA	NA
AMD Turion 64 Mobile ML-34	425	2465	NA	NA
AMD Turion 64 Mobile MT-32	426	2464	NA	NA
AMD Opteron 142	428	2463	NA	NA
VIA Nano L2100@1800MHz	428	2462	NA	NA
AMD Turion 64 Mobile MT-34	429	2461	NA	NA
Intel Celeron 743 @ 1.30GHz	429	2460	NA	NA
Intel Celeron M 520 @ 1.60GHz	431	2458	NA	NA
Mobile AMD Sempron 3600+	431	2459	NA	NA
AMD Athlon XP 3100+	433	2457	NA	NA
AMD Athlon XP 3200+	433	2456	NA	NA
Intel T1200 @ 1.50GHz	435	2454	NA	NA
Intel Xeon 2.66GHz	435	2453	NA	NA
Mobile AMD Athlon 64 3700+	435	2455	NA	NA
AMD Athlon MP 2400+	436	2452	NA	NA
AMD Athlon 64 FX-51	437	2451	NA	NA
AMD Athlon 64 2800+	438	2450	4.38	\$99.99*
AMD Sempron LE-1100	438	2449	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium M 1.86GHz	438	2448	NA	NA
Mobile Intel Pentium 4 3.33GHz	439	2447	NA	NA
AMD Athlon XP 2900+	440	2445	NA	NA
Mobile AMD Athlon 64 2800+	440	2443	NA	NA
Mobile AMD Athlon XP-M 3100+	440	2446	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Mobile AMD Sempron 3400+	440	2444	NA	NA
AMD Turion 64 Mobile ML-37	442	2442	2.25	\$196.50*
AMD Sempron SI-40	443	2441	36.93	\$12.00*
AMD Athlon 2600+	444	2440	4.23	\$104.95*
AMD Sempron LE-1150	445	2438	NA	NA
Mobile AMD Sempron 3300+	445	2439	NA	NA
AMD Athlon 2800+	447	2437	3.20	\$139.95*
Intel Pentium M 2.10GHz	448	2435	NA	NA
Mobile AMD Athlon 64 3200+	448	2436	NA	NA
Intel Celeron 420 @ 1.60GHz	449	2434	11.25	\$39.99
Intel Celeron M 450 @ 2.00GHz	450	2433	NA	NA
Mobile AMD Athlon 64 3000+	450	2432	NA	NA
AMD Sempron 3100+	452	2431	7.53	\$60.00*
AMD Sempron 3400+	454	2430	15.18	\$29.91*
AMD Sempron SI-42	454	2428	15.16	\$30.01
Intel Celeron N2805 @ 1.46GHz	454	2429	NA	NA
Intel Celeron M 723 @ 1.20GHz	457	2427	NA	NA
VIA Nano L1900@1400MHz	457	2426	NA	NA
AMD Athlon 3200+	458	2425	7.63	\$60.00*
Intel Celeron M 530 @ 1.73GHz	458	2424	NA	NA
Intel Xeon 3.20GHz	461	2423	NA	NA
AMD Athlon 2400+	462	2421	NA	NA
AMD C-50	462	2422	NA	NA
Intel Pentium M 2.00GHz	462	2420	NA	NA
AMD Athlon 64 3000+	463	2419	7.72	\$59.99
AMD Athlon XP 2300+	464	2418	NA	NA
AMD Turion 64 Mobile MK-36	465	2417	NA	NA
AMD C-60	466	2416	NA	NA
AMD G-T40E	467	2415	NA	NA
Intel Core2 Solo U3500 @ 1.40GHz	467	2414	NA	NA
Intel Celeron 530 @ 1.73GHz	468	2413	20.37	\$23.00*
Intel Core Solo T1400 @ 1.83GHz	470	2412	NA	NA
AMD Athlon II Neo K125	472	2411	NA	NA
AMD Athlon QI-46	473	2410	NA	NA
Mobile AMD Athlon XP-M (LV) 2800+	475	2409	NA	NA
AMD Opteron 248	476	2408	4.77	\$99.95
Intel Xeon 3.40GHz	478	2406	NA	NA
Mobile Intel Pentium 4 3.46GHz	478	2407	NA	NA
VIA Eden X2 U4200 @ 1.0+ GHz	480	2405	NA	NA
Intel Celeron D 420 @ 1.60GHz	481	2404	NA	NA
AMD Sempron 3300+	484	2402	8.07	\$60.00
AMD Turion 64 Mobile MT-37	484	2401	NA	NA
Intel Pentium M 756 @ 1.66GHz	484	2403	NA	NA
AMD Athlon 3100+	485	2400	NA	NA
Intel Pentium 4 3.80GHz	485	2398	NA	NA
Mobile AMD Sempron 3800+	485	2399	NA	NA
AMD Opteron 144	486	2397	7.48	\$65.00*

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	2396	NA	NA
AMD Sempron 3600+	487	2395	40.59	\$12.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4 3.46GHz	487	2393	NA	NA
Mobile AMD Athlon XP-M 3200+	487	2394	NA	NA
Intel Pentium 4 3.60GHz	488	2392	NA	NA
Intel Atom E3826 @ 1.46GHz	489	2391	NA	NA
AMD Sempron LE-250	490	2389	NA	NA
Intel Celeron 430 @ 1.80GHz	490	2390	29.68	\$16.52
AMD Athlon 64 3200+	491	2387	3.28	\$149.95*
Intel Xeon 3.06GHz	491	2388	NA	NA
Mobile AMD Athlon MP-M 2800+	496	2386	NA	NA
AMD Athlon MP 2800+	497	2385	NA	NA
AMD Z-60 APU	500	2384	NA	NA
VIA Nano U3100 (1.6GHz Capable)	501	2383	NA	NA
AMD Athlon 2850e	504	2382	NA	NA
Intel Pentium M 2.13GHz	505	2380	NA	NA
Mobile AMD Athlon XP-M (LV) 3200+	505	2381	NA	NA
Mobile AMD Athlon XP-M (LV)	508	2379	NA	NA
Intel Pentium M 2.26GHz	509	2378	NA	NA
Intel Xeon 3.60GHz	509	2377	0.60	\$851.00*
Mobile AMD Athlon 64 3400+	511	2376	NA	NA
Intel Core Duo U2500 @ 1.20GHz	512	2374	NA	NA
Mobile AMD Athlon XP-M	512	2375	NA	NA
AMD Turion 64 Mobile MK-38	513	2373	NA	NA
Intel Celeron 540 @ 1.86GHz	515	2372	NA	NA
Intel Celeron 550 @ 2.00GHz	515	2371	15.26	\$33.80
AMD G-T40N	516	2370	NA	NA
Intel Celeron 570 @ 2.26GHz	517	2368	NA	NA
VIA Nano L3025@1600MHz	517	2369	NA	NA
AMD Turion 64 Mobile ML-40	522	2367	NA	NA
AMD Z-01	523	2366	NA	NA
AMD Athlon II Neo K145	525	2364	NA	NA
Intel Atom N550 @ 1.50GHz	525	2365	6.11	\$86.00*
Intel Atom N2600 @ 1.60GHz	526	2363	NA	NA
AMD Sempron LE-1200	528	2362	NA	NA
AMD Opteron 146	532	2361	8.87	\$59.99*
AMD Sempron LE-1600	535	2359	NA	NA
Intel Celeron 560 @ 2.13GHz	535	2358	6.70	\$79.95*
Intel Pentium D 805 @ 2.66GHz	535	2360	NA	NA
AMD Turion 64 Mobile MT-40	536	2357	NA	NA
AMD Athlon 64 3500+	539	2356	4.96	\$108.95
AMD Athlon XP-M	541	2355	15.48	\$34.95*
AMD Sempron LE-1250	541	2354	5.41	\$99.95*
Intel Celeron M 540 @ 1.86GHz	542	2353	NA	NA
AMD C-60 APU	544	2351	NA	NA
Intel Core Duo U2400 @ 1.06GHz	544	2352	NA	NA
AMD Athlon 64 3400+	545	2350	NA	NA
Intel Celeron 440 @ 2.00GHz	546	2349	26.02	\$21.01
AMD Sempron 3800+	554	2348	26.39	\$21.00*
AMD Sempron M100	558	2347	46.58	\$12.00*
AMD Athlon II 160u	560	2346	18.68	\$29.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD C-70 APU	563	2345	NA	NA
Intel Atom Z2760 @ 1.80GHz	565	2344	NA	NA
AMD Athlon LE-1600	567	2343	27.04	\$21.00*
AMD Athlon XP 3400+	570	2342	NA	NA
AMD Athlon LE-1620	572	2340	31.80	\$18.00*
Mobile AMD Athlon XP	572	2341	45.81	\$12.49*
Intel Atom N570 @ 1.66GHz	574	2339	6.68	\$86.00*
AMD Athlon 64 2200+	575	2338	NA	NA
AMD Athlon 64 3300+	576	2337	NA	NA
Mobile AMD Athlon 64 4000+	576	2336	NA	NA
Intel Atom E3825 @ 1.33GHz	579	2335	8.24	\$70.32*
Intel Pentium D 915 @ 2.80GHz	581	2333	NA	NA
VIA Nano L3050@1800MHz	581	2334	NA	NA
AMD Sempron M120	582	2331	NA	NA
Intel Core2 Duo U7500 @ 1.06GHz	582	2332	NA	NA
Intel Celeron D 430 @ 1.80GHz	585	2330	NA	NA
Intel Atom 330 @ 1.60GHz	587	2329	NA	NA
Intel Core2 Duo Q6867 @ 3.00GHz	589	2328	NA	NA
AMD Athlon 64 3800+	590	2327	3.28	\$179.95
AMD Turion 64 Mobile ML-44	591	2326	NA	NA
AMD Athlon 64 3700+	599	2325	8.69	\$69.00*
AMD Athlon 64 3600+	601	2324	NA	NA
AMD Opteron 148	603	2323	NA	NA
AMD Opteron 150	604	2321	NA	NA
Intel Xeon 3.80GHz	604	2322	0.71	\$851.00*
AMD Sempron LE-1300	605	2319	30.28	\$20.00
VIA Nano X2 U4025 @ 1.2 GHz	605	2320	NA	NA
AMD Athlon 64 4000+	608	2318	50.76	\$11.99
AMD E-300 APU	611	2317	NA	NA
Intel Celeron 827E @ 1.40GHz	613	2316	NA	NA
AMD Turion 64 Mobile ML-42	615	2315	NA	NA
AMD A4-1250 APU	618	2314	NA	NA
AMD Athlon II 170u	623	2313	20.80	\$29.95*
AMD V120	623	2312	NA	NA
Intel Celeron 450 @ 2.20GHz	626	2311	20.89	\$29.99
AMD Athlon LE-1640	627	2310	NA	NA
Intel Atom N2800 @ 1.86GHz	628	2309	NA	NA
AMD Opteron 246	632	2308	31.62	\$19.99
AMD Sempron LE-1620	635	2307	NA	NA
AMD E1-2100 APU	636	2306	NA	NA
AMD A4-1200 APU	638	2305	NA	NA
AMD V140	641	2304	12.84	\$49.95*
Intel Pentium D 830 @ 3.00GHz	642	2303	NA	NA
AMD Athlon X2 Dual Core L310	643	2302	NA	NA
Intel Core 330 @ 1.60GHz	643	2301	NA	NA
VIA Nano L3600@2000MHz	645	2300	NA	NA
AMD Athlon 64 FX-53	646	2299	21.57	\$29.99*
AMD Opteron 250	649	2298	59.01	\$11.00*
AMD Sempron 130	656	2297	26.29	\$24.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD E1-1200 APU	657	2295	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom D510 @ 1.66GHz	657	2296	6.76	\$97.16*
AMD Opteron 152	658	2293	NA	NA
Intel Atom K510 @ 1.66GHz	658	2294	NA	NA
Intel Pentium T2060 @ 1.60GHz	662	2292	NA	NA
Intel Core2 Duo U7600 @ 1.20GHz	664	2291	NA	NA
Intel Celeron 900 @ 2.20GHz	676	2290	23.35	\$28.99
AMD Athlon 1640B	678	2289	13.57	\$50.00*
Intel Atom D2550 @ 1.86GHz	680	2288	NA	NA
AMD V160	681	2287	NA	NA
Intel Xeon MV 3.20GHz	683	2286	NA	NA
Intel Celeron U3405 @ 1.07GHz	684	2284	NA	NA
Intel Core2 Duo L7200 @ 1.33GHz	684	2285	NA	NA
AMD Athlon LE-1660	688	2282	NA	NA
AMD E1-1500 APU	688	2283	NA	NA
Intel Celeron G440 @ 1.60GHz	690	2281	13.81	\$49.99
Intel Celeron 925 @ 2.30GHz	692	2280	NA	NA
AMD Opteron 254	693	2279	NA	NA
Intel Core Duo T2050 @ 1.60GHz	694	2278	NA	NA
Intel Core2 Duo U7700 @ 1.33GHz	700	2277	NA	NA
AMD Opteron 154	703	2276	NA	NA
Intel Atom D525 @ 1.80GHz	704	2275	NA	NA
Intel Pentium 5 2.66GHz	705	2274	NA	NA
AMD Sempron 150	707	2272	15.74	\$44.95*
Intel Pentium T2080 @ 1.73GHz	707	2273	4.42	\$159.95*
Intel Pentium D 940 @ 3.20GHz	709	2271	NA	NA
Intel Pentium T2130 @ 1.86GHz	710	2270	NA	NA
Intel Atom D2560 @ 2.00GHz	711	2268	NA	NA
Intel Core Duo L2400 @ 1.66GHz	711	2269	NA	NA
AMD Athlon 64 FX-59	715	2267	NA	NA
Intel Core Duo L2300 @ 1.50GHz	719	2266	NA	NA
Intel Atom D2701 @ 2.13GHz	720	2265	NA	NA
AMD Athlon 64 FX-55	721	2264	4.01	\$179.95*
AMD E-350D APU	723	2263	NA	NA
AMD G-T48E	724	2262	NA	NA
Intel Core Duo L2500 @ 1.83GHz	728	2261	NA	NA
Intel Core Duo T2300 @ 1.66GHz	729	2260	NA	NA
AMD Athlon 64 FX-57	730	2258	NA	NA
Intel Pentium T2310 @ 1.46GHz	730	2259	NA	NA
Intel Celeron U3400 @ 1.07GHz	733	2257	NA	NA
AMD Sempron 140	734	2256	18.55	\$39.59*
Intel Pentium D 950 @ 3.40GHz	743	2255	NA	NA
AMD GX-212JC SOC	744	2254	NA	NA
AMD Turion 64 X2 Mobile TL-50	747	2253	14.95	\$49.99*
AMD E-350	748	2252	NA	NA
AMD G-T56E	751	2250	NA	NA
Intel Celeron 807 @ 1.50GHz	751	2251	NA	NA
Intel Core Duo T2250 @ 1.73GHz	758	2249	NA	NA
AMD E-350 APU	759	2247	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron LE-1640	759	2248	NA	NA
AMD Opteron 252	760	2246	12.00	\$63.36*
Intel Core Duo T2350 @ 1.86GHz	760	2245	NA	NA
Intel Core2 Duo L7100 @ 1.20GHz	760	2244	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion 64 X2 Mobile TL-52	765	2243	NA	NA
AMD E-450 APU	767	2242	NA	NA
AMD E1-2200 APU	767	2241	NA	NA
Intel Celeron SU2300 @ 1.20GHz	772	2240	NA	NA
AMD Athlon II Neo K325 Dual-Core	775	2239	29.83	\$25.99*
AMD Athlon Neo X2 Dual Core L325	776	2238	NA	NA
Intel Celeron N2810 @ 2.00GHz	777	2237	5.55	\$139.99*
AMD Athlon X2 Dual Core 3250e	779	2236	NA	NA
AMD G-T56N	788	2235	NA	NA
AMD Athlon II Neo N36L Dual-Core	793	2234	NA	NA
AMD Athlon 64 FX-25	794	2232	NA	NA
Intel Core Duo T2400 @ 1.83GHz	794	2233	49.63	\$16.00*
Intel Celeron N2806 @ 1.60GHz	798	2231	NA	NA
Intel Atom Z3770D @ 1.49GHz	805	2230	NA	NA
AMD Sempron 145	807	2229	47.54	\$16.98
Intel Celeron U3600 @ 1.20GHz	809	2228	NA	NA
Intel Atom x5-E3930 @ 1.30GHz	811	2227	NA	NA
Intel Pentium U5400 @ 1.20GHz	812	2226	NA	NA
Intel Celeron B720 @ 1.70GHz	814	2225	NA	NA
AMD Athlon 64 X2 Dual-Core TK-53	815	2224	NA	NA
Intel Core2 Duo T5270 @ 1.40GHz	816	2223	NA	NA
Intel Pentium D 960 @ 3.60GHz	817	2222	NA	NA
AMD E2-1800 APU	818	2221	NA	NA
AMD Turion Neo X2 Dual Core L625	819	2220	NA	NA
Intel Core Duo T2450 @ 2.00GHz	825	2219	NA	NA
Intel Core2 Duo L7300 @ 1.40GHz	827	2218	NA	NA
AMD Athlon Neo X2 Dual Core L335	828	2217	NA	NA
Intel Core2 Duo T5200 @ 1.60GHz	829	2216	NA	NA
AMD E2-2000 APU	830	2215	NA	NA
Intel Core2 Duo T5250 @ 1.50GHz	834	2213	NA	NA
Intel Pentium T2330 @ 1.60GHz	834	2214	NA	NA
AMD Athlon 64 X2 Dual Core TK-53	839	2211	28.02	\$29.97
AMD Athlon 64 X2 Dual Core TK-55	839	2212	14.53	\$57.74*
Intel Pentium T2370 @ 1.73GHz	841	2210	24.04	\$35.00*
Intel Atom D2700 @ 2.13GHz	842	2209	NA	NA
Intel Pentium T1080 @ 1.73GHz	842	2208	NA	NA
Intel Core2 Duo L7400 @ 1.50GHz	846	2207	NA	NA
Intel Atom E3827 @ 1.74GHz	849	2206	NA	NA
Intel Celeron N2807 @ 1.58GHz	850	2205	NA	NA
AMD Athlon II Neo K345 Dual-Core	856	2204	NA	NA
Intel 1300 @ 1.66GHz	857	2203	NA	NA
AMD Turion X2 Dual Core Mobile RM-70	858	2201	6.48	\$132.56*
Intel Celeron E1200 @ 1.60GHz	858	2202	3.81	\$225.00
Intel Celeron N2815 @ 1.86GHz	858	2200	NA	NA
AMD E1-6010 APU	859	2199	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo U9300 @ 1.20GHz	859	2197	NA	NA
Intel Pentium SU4100 @ 1.30GHz	859	2198	NA	NA
AMD Turion Dual-Core RM-72	860	2196	22.65	\$38.00*
Intel Core Duo T2500 @ 2.00GHz	868	2195	7.24	\$119.99*
Intel Pentium E2140 @ 1.60GHz	869	2194	3.86	\$225.00
Intel Core2 Duo U7300 @ 1.30GHz	871	2193	NA	NA
AMD Athlon 64 X2 Dual-Core TK-55	874	2192	12.02	\$72.74*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon 64 X2 Dual-Core TK-42	877	2191	NA	NA
Intel Celeron N3050 @ 1.60GHz	880	2190	7.37	\$119.42*
AMD Turion 64 X2 Mobile TL-56	887	2189	44.36	\$20.00*
AMD E1-2500 APU	888	2188	NA	NA
AMD E1-6015 APU	895	2187	NA	NA
Intel Atom C2338 @ 1.74GHz	898	2186	NA	NA
AMD Opteron 165	899	2185	1.47	\$610.00*
Intel Celeron N3000 @ 1.04GHz	901	2184	NA	NA
AMD Turion Dual-Core RM-70	904	2183	36.16	\$25.00*
Intel Atom Z3735F @ 1.33GHz	908	2182	5.01	\$181.30*
Intel Atom Z3735G @ 1.33GHz	909	2180	NA	NA
Intel Core2 Duo T5470 @ 1.60GHz	909	2181	NA	NA
Intel Core2 Duo T5450 @ 1.66GHz	912	2179	NA	NA
Intel Pentium Extreme Edition 955 @ 3.46GHz	912	2178	1.20	\$759.00*
Intel Atom Z3735D @ 1.33GHz	914	2177	NA	NA
Intel Atom S1260 @ 2.00GHz	916	2176	14.32	\$64.00*
AMD Athlon 64 X2 QL-60	918	2175	NA	NA
Intel Atom Z3736F @ 1.33GHz	922	2173	NA	NA
Intel Celeron N2808 @ 1.58GHz	922	2174	NA	NA
AMD Opteron 1210	923	2171	NA	NA
AMD Turion X2 Dual Core L510	923	2172	NA	NA
AMD Athlon 64 X2 Dual-Core TK-57	924	2169	NA	NA
AMD Turion II Neo N40L Dual-Core	924	2170	NA	NA
AMD Athlon X2 Dual Core BE-2300	925	2168	NA	NA
Intel Core2 Duo T5500 @ 1.66GHz	925	2167	NA	NA
Intel Celeron 1019Y @ 1.00GHz	926	2166	NA	NA
Intel Atom Z3735E @ 1.33GHz	927	2165	7.93	\$117.00*
Intel Celeron N2820 @ 2.13GHz	928	2164	4.42	\$209.99
Intel T1400 @ 1.73GHz	929	2163	NA	NA
Intel Core2 Duo SU9400 @ 1.40GHz	933	2162	NA	NA
Intel Core2 Duo T5300 @ 1.73GHz	935	2161	NA	NA
AMD Sempron Dual Core 2100	936	2159	24.02	\$39.00*
Intel Celeron 847 @ 1.10GHz	936	2160	2.97	\$315.00*
AMD Sempron 2650 APU	939	2158	23.50	\$40.00
Intel Core Duo T2600 @ 2.16GHz	941	2157	NA	NA
Intel Pentium U5600 @ 1.33GHz	943	2156	NA	NA
AMD Turion 64 X2 Mobile TL-58	944	2155	NA	NA
Intel Core2 Duo P7500 @ 1.60GHz	945	2153	NA	NA
Intel Pentium T2390 @ 1.86GHz	945	2154	NA	NA
AMD Athlon 64 X2 QL-66	947	2152	NA	NA
AMD Sempron Dual Core 4700	948	2151	NA	NA
Intel Celeron T1600 @ 1.66GHz	950	2150	47.53	\$19.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N2830 @ 2.16GHz	951	2149	NA	NA
Intel T1500 @ 1.86GHz	953	2148	NA	NA
AMD Athlon 64 X2 TK-55	955	2147	NA	NA
AMD Athlon 64 X2 3800+	958	2146	NA	NA
Intel T2050 @ 2.00GHz	959	2145	NA	NA
AMD E1 Micro-6200T APU	960	2144	NA	NA
Intel Atom C2358 @ 1.74GHz	961	2143	NA	NA
AMD Opteron 256	963	2141	50.72	\$19.00*
AMD Opteron 265	963	2142	6.02	\$159.95*
Intel Core2 Duo L7500 @ 1.60GHz	963	2140	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron N3010 @ 1.04GHz	964	2139	NA	NA
Intel Celeron @ 1.30GHz	965	2138	NA	NA
AMD Athlon 64 X2 Dual Core 3600+	967	2137	16.12	\$60.00*
Athlon Dual Core 4050e	968	2136	NA	NA
Intel Pentium Extreme Edition 965 @ 3.73GHz	969	2135	NA	NA
AMD Athlon 64 X2 Dual Core TK-57	971	2134	NA	NA
AMD Opteron 1210 HE	971	2133	NA	NA
AMD Turion II Neo K625 Dual-Core	973	2131	NA	NA
Intel Core2 Duo L7700 @ 1.80GHz	973	2132	NA	NA
AMD Turion Dual-Core RM-75	977	2130	35.61	\$27.46*
Intel 1400 @ 1.83GHz	980	2129	NA	NA
Intel Celeron J3060 @ 1.60GHz	981	2128	NA	NA
AMD Sempron Dual Core 2300	982	2127	23.39	\$41.99*
Intel Celeron N3060 @ 1.60GHz	985	2126	NA	NA
AMD Athlon 64 X2 TK-57	988	2125	NA	NA
AMD Athlon 64 X2 QL-64	989	2124	NA	NA
AMD E1-7010 APU	993	2123	NA	NA
Intel Core2 Duo T5670 @ 1.80GHz	993	2122	NA	NA
AMD Athlon 64 X2 Dual Core 3400+	994	2119	NA	NA
AMD Turion 64 X2 Mobile TL-60	994	2121	41.52	\$23.95*
Intel Celeron P4505 @ 1.87GHz	994	2120	NA	NA
AMD Sempron Dual Core 2200	995	2118	NA	NA
Intel Pentium E2160 @ 1.80GHz	996	2116	76.96	\$12.95
Intel Pentium T2410 @ 2.00GHz	996	2117	NA	NA
AMD Turion X2 Dual-Core Mobile RM-70	997	2115	NA	NA
AMD TurionX2 Dual Core Mobile RM-70	997	2114	NA	NA
AMD Athlon X2 Dual Core 6850e	998	2113	NA	NA
AMD Athlon 64 X2 Dual Core 3800+	1000	2111	NA	NA
AMD Athlon II X2 250u	1000	2112	28.62	\$34.95*
AMD Athlon Neo X2 Dual Core 6850e	1002	2110	NA	NA
Intel Celeron N2840 @ 2.16GHz	1004	2109	NA	NA
AMD Athlon 64 X2 QL-67	1006	2108	NA	NA
AMD Athlon X2 Dual Core LS-5800	1009	2106	NA	NA
AMD Opteron 1212	1009	2107	3.48	\$290.00*
AMD Athlon 64 X2 QL-62	1013	2105	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-80	1014	2104	72.45	\$14.00*
AMD Turion Dual-Core RM-74	1016	2103	NA	NA
Intel Atom x5-Z8330 @ 1.44GHz	1017	2102	NA	NA
Intel Core2 Duo T7100 @ 1.80GHz	1018	2101	46.31	\$21.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo P7700 @ 1.80GHz	1021	2100	NA	NA
Intel Atom Z3740D @ 1.33GHz	1023	2099	NA	NA
Intel 1500 @ 2.00GHz	1024	2097	NA	NA
Intel Core Duo T2700 @ 2.33GHz	1024	2098	NA	NA
Intel Celeron J1800 @ 2.41GHz	1025	2096	NA	NA
AMD TurionX2 Dual Core Mobile RM-72	1026	2094	NA	NA
Intel Celeron 847E @ 1.10GHz	1026	2095	NA	NA
Intel Celeron G460 @ 1.80GHz	1028	2092	91.94	\$11.19
Intel Core2 Duo T5600 @ 1.83GHz	1028	2093	NA	NA
Intel Pentium T3200 @ 2.00GHz	1029	2091	85.82	\$12.00*
Intel Atom Z3745D @ 1.33GHz	1034	2090	NA	NA
Intel Celeron J1750 @ 2.41GHz	1037	2089	NA	NA
AMD Athlon 64 X2 Dual Core 4000+	1041	2088	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 3.73GHz	1041	2087	NA	NA
AMD Athlon 64 X2 Dual Core BE-2350	1044	2086	NA	NA
Intel Core2 Duo T5550 @ 1.83GHz	1045	2085	NA	NA
AMD Athlon 64 X2 QL-65	1046	2084	NA	NA
Intel Celeron E1400 @ 2.00GHz	1048	2083	11.66	\$89.95
Intel Core2 Duo E4300 @ 1.80GHz	1050	2082	87.62	\$11.99
AMD Athlon II Dual-Core M340	1056	2081	NA	NA
Intel Pentium 2129Y @ 1.10GHz	1057	2080	7.89	\$134.00*
Intel Celeron T1700 @ 1.83GHz	1058	2079	17.65	\$59.95*
AMD Turion X2 Dual Core Mobile RM-76	1059	2078	NA	NA
AMD Turion X2 Dual-Core Mobile RM-74	1062	2076	42.57	\$24.95*
Intel Atom Z3740 @ 1.33GHz	1062	2077	NA	NA
Intel Celeron G465 @ 1.90GHz	1064	2075	35.48	\$29.99
Intel Core2 Duo L9300 @ 1.60GHz	1067	2074	NA	NA
Intel Core i3-330UM @ 1.20GHz	1071	2073	NA	NA
Intel Atom Z3745 @ 1.33GHz	1079	2072	35.98	\$30.00*
Intel Xeon 5110 @ 1.60GHz	1079	2071	6.75	\$159.95*
AMD Sempron Dual Core 4900	1081	2068	NA	NA
Athlon Dual Core 4450e	1081	2069	NA	NA
Intel Core i5-470UM @ 1.33GHz	1081	2070	NA	NA
AMD Athlon 64 X2 Dual Core BE-2300	1082	2067	NA	NA
AMD Opteron 270	1083	2066	1.78	\$607.47*
AMD Turion X2 Ultra Dual-Core Mobile ZM-82	1084	2065	NA	NA
Celeron Dual-Core T3000 @ 1.80GHz	1084	2064	NA	NA
AMD Turion X2 Dual-Core Mobile RM-72	1085	2063	4.84	\$224.26*
AMD Athlon Dual Core 4050e	1086	2062	NA	NA
AMD Turion 64 X2 Mobile TL-62	1087	2061	3.50	\$311.00*
Intel Pentium E2180 @ 2.00GHz	1087	2060	54.41	\$19.99
AMD E2-3000 APU	1088	2059	NA	NA
Intel Core2 Duo T5750 @ 2.00GHz	1091	2058	109.26	\$9.99*
AMD E2-3000M APU	1092	2057	54.65	\$20.00*
AMD Athlon 64 X2 Dual Core BE-230	1095	2056	NA	NA
Intel Pentium 957 @ 1.20GHz	1095	2055	8.18	\$134.00*
AMD Athlon 64 X2 Dual Core 4200+	1097	2053	6.10	\$179.95
AMD GX-217GA SOC	1097	2052	NA	NA
AMD Opteron 170	1097	2054	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4450e	1102	2051	NA	NA
AMD Athlon X2 Dual Core BE-2350	1104	2050	NA	NA
AMD Athlon II X2 260u	1107	2049	13.28	\$83.44*
AMD Athlon64 X2 Dual Core 4600+	1108	2048	NA	NA
Intel Core2 Duo T5800 @ 2.00GHz	1108	2047	NA	NA
Intel Core2 Duo E6300 @ 1.86GHz	1109	2046	85.44	\$12.99
AMD Turion 64 X2 Mobile TL-64	1110	2044	28.20	\$39.39*
Intel Celeron 2961Y @ 1.10GHz	1110	2045	NA	NA
Intel Core2 Duo T7250 @ 2.00GHz	1111	2043	5.52	\$201.48*
Intel Pentium T3400 @ 2.16GHz	1113	2042	12.38	\$89.95*
AMD Athlon II Dual-Core M300	1114	2041	NA	NA
AMD GX-218GL SOC	1115	2040	NA	NA
Intel Celeron N3350 @ 1.10GHz	1116	2038	NA	NA
Intel Core2 Duo L7800 @ 2.00GHz	1116	2039	NA	NA
Intel Celeron P4500 @ 1.87GHz	1119	2037	NA	NA
Intel Core2 Duo U9600 @ 1.60GHz	1133	2036	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Turion X2 Dual-Core Mobile RM-75	1137	2035	NA	NA
AMD Turion 64 X2 Mobile TL-66	1141	2034	3.02	\$378.00*
AMD Athlon II Dual-Core M320	1142	2033	38.08	\$30.00*
Intel Core2 Duo T5870 @ 2.00GHz	1145	2032	NA	NA
AMD Athlon 64 X2 Dual Core 4400+	1146	2031	95.59	\$11.99
Intel Celeron 857 @ 1.20GHz	1146	2030	NA	NA
Intel Pentium T4200 @ 2.00GHz	1146	2029	95.56	\$12.00*
VIA Eden X4 C4250 @ 1.2+GHz	1147	2028	NA	NA
Intel Pentium 977 @ 1.40GHz	1148	2027	NA	NA
AMD Turion X2 Dual-Core Mobile RM-77	1149	2026	NA	NA
AMD Athlon II N330 Dual-Core	1154	2025	NA	NA
Athlon 64 Dual Core 4200+	1156	2024	5.64	\$204.95*
Intel Core2 Duo E4400 @ 2.00GHz	1157	2023	23.15	\$49.99
Intel Pentium 967 @ 1.30GHz	1160	2022	NA	NA
AMD Athlon Dual Core 4450B	1162	2021	37.49	\$31.00*
AMD Turion 64 X2 Mobile TL-68	1162	2019	12.92	\$90.00*
Intel Atom E3840 @ 1.91GHz	1162	2020	NA	NA
Intel Core2 Duo T7200 @ 2.00GHz	1166	2018	11.67	\$99.95
AMD Opteron 175	1167	2017	NA	NA
Celeron Dual-Core T3100 @ 1.90GHz	1168	2015	NA	NA
Intel Core i3-380UM @ 1.33GHz	1168	2016	NA	NA
AMD Opteron 1216 HE	1172	2014	NA	NA
Intel Celeron E1500 @ 2.20GHz	1172	2013	59.67	\$19.65
Intel Celeron 867 @ 1.30GHz	1173	2012	39.12	\$29.99
VIA QuadCore U4650 @ 1.0+ GHz	1173	2011	NA	NA
Intel Pentium E2210 @ 2.20GHz	1174	2010	NA	NA
AMD A4-4355M APU	1175	2009	NA	NA
AMD Phenom X2 Dual-Core GP-5000	1180	2008	NA	NA
Intel Celeron J3355 @ 2.00GHz	1183	2007	NA	NA
AMD A4-3300M APU	1185	2005	39.54	\$29.99*
Intel Core2 Duo E6320 @ 1.86GHz	1185	2006	23.71	\$49.99
AMD Turion II Neo K685 Dual-Core	1186	2004	NA	NA
Intel Celeron 1047UE @ 1.40GHz	1188	2003	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 1214	1191	2002	4.11	\$290.00*
Intel Core2 Duo T7300 @ 2.00GHz	1192	2001	38.48	\$30.99*
Intel Atom x5-Z8300 @ 1.44GHz	1195	1999	8.99	\$132.99*
Intel Core2 Duo T5850 @ 2.16GHz	1195	2000	75.16	\$15.90*
Celeron Dual-Core T3300 @ 2.00GHz	1200	1998	NA	NA
Intel Celeron N2910 @ 1.60GHz	1203	1997	NA	NA
Intel Pentium E2200 @ 2.20GHz	1204	1996	16.06	\$75.00
Dual-Core AMD Opteron 1220 SE	1206	1995	NA	NA
Intel Core2 Duo T5900 @ 2.20GHz	1207	1994	NA	NA
AMD Phenom X4 Quad-Core GS-5560	1211	1993	NA	NA
AMD A4-3330MX APU	1213	1991	NA	NA
AMD Athlon X2 Dual Core BE-2400	1213	1990	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-84	1213	1992	94.53	\$12.84
AMD Athlon II P320 Dual-Core	1216	1989	40.63	\$29.95
AMD A4-3305M APU	1221	1988	40.71	\$30.00*
AMD Athlon 64 X2 Dual Core 4600+	1222	1987	3.40	\$359.95*
AMD Sempron X2 180	1222	1986	17.62	\$69.40*
Intel Core2 Duo T6400 @ 2.00GHz	1225	1985	81.75	\$14.99*
Intel Pentium 987 @ 1.50GHz	1226	1984	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium T4300 @ 2.10GHz	1233	1983	NA	NA
AMD Opteron 180	1234	1980	9.50	\$129.95*
AMD Turion X2 Ultra Dual-Core Mobile ZM-85	1234	1981	27.43	\$45.00*
Athlon 64 Dual Core 3800+	1234	1982	NA	NA
Intel Atom Z3770 @ 1.46GHz	1245	1979	8.34	\$149.44*
Intel Core2 Duo T7400 @ 2.16GHz	1246	1978	NA	NA
AMD Athlon II N350 Dual-Core	1247	1977	NA	NA
AMD Athlon 5200 Dual-Core	1248	1974	41.64	\$29.99
Intel Pentium P6000 @ 1.87GHz	1248	1975	NA	NA
Intel Xeon 5120 @ 1.86GHz	1248	1976	0.81	\$1,547.49
AMD Athlon II P340 Dual-Core	1249	1973	27.81	\$44.95*
AMD Athlon X2 Dual Core BE-2450	1251	1972	NA	NA
AMD A4-3320M APU	1253	1971	36.88	\$34.00
AMD Athlon 64 X2 Dual Core 4800+	1254	1970	80.98	\$15.49
AMD GX-222GC SOC	1255	1969	NA	NA
Intel Core2 Duo T6570 @ 2.10GHz	1255	1968	32.62	\$38.50*
Intel Atom Z3775 @ 1.46GHz	1257	1967	35.92	\$35.00*
Intel Celeron E1600 @ 2.40GHz	1260	1966	NA	NA
Intel Atom x5-Z8350 @ 1.44GHz	1265	1965	60.24	\$21.00*
Intel Pentium 3560Y @ 1.20GHz	1266	1964	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-87	1267	1963	31.72	\$39.95*
Intel Core2 Duo SL9400 @ 1.86GHz	1268	1962	5.01	\$253.00*
AMD Opteron 2212	1270	1961	105.89	\$12.00*
Intel Core2 Duo E4500 @ 2.20GHz	1271	1960	31.81	\$39.99
AMD Opteron 280	1272	1959	1.60	\$796.67*
Intel Core2 Duo T7500 @ 2.20GHz	1273	1958	29.63	\$42.99*
Intel Celeron 887 @ 1.50GHz	1274	1957	NA	NA
Celeron Dual-Core T3500 @ 2.10GHz	1276	1956	NA	NA
Intel Atom Z3775D @ 1.49GHz	1278	1954	NA	NA
Intel Celeron B800 @ 1.50GHz	1278	1955	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	1953	NA	NA
Intel Pentium T4400 @ 2.20GHz	1282	1952	NA	NA
AMD A6-4455M APU	1283	1951	NA	NA
Intel Xeon 3040 @ 1.86GHz	1284	1950	51.31	\$25.04*
AMD Athlon 64 X2 4200+	1285	1949	4.16	\$308.95*
Intel Core2 Duo T6500 @ 2.10GHz	1286	1948	85.83	\$14.99*
Intel Celeron 877 @ 1.40GHz	1288	1947	NA	NA
Intel Core2 Duo E6400 @ 2.13GHz	1290	1946	43.08	\$29.95
AMD Opteron 275	1291	1945	19.87	\$64.99
Intel Core2 Duo P7350 @ 2.00GHz	1291	1944	64.62	\$19.99*
AMD A4-3310MX APU	1292	1943	NA	NA
AMD Athlon 5000 Dual-Core	1292	1942	76.13	\$16.98
AMD Turion II Dual-Core Mobile M500	1294	1941	NA	NA
AMD Turion X2 Ultra Dual-Core Mobile ZM-86	1297	1940	23.58	\$55.00*
Intel Core2 Duo T8100 @ 2.10GHz	1297	1939	1.30	\$999.99*
Intel Celeron G470 @ 2.00GHz	1298	1938	NA	NA
Intel Core2 Duo P7370 @ 2.00GHz	1298	1937	NA	NA
AMD Opteron 1214 HE	1299	1936	NA	NA
AMD Athlon Dual Core 5000B	1300	1935	13.69	\$95.00*
AMD Athlon Dual Core 5600B	1304	1934	NA	NA
AMD Turion II Dual-Core Mobile M520	1305	1933	18.89	\$69.10*
AMD Opteron 1212 HE	1308	1932	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon Dual Core 4850e	1311	1930	33.64	\$39.00*
AMD Opteron 1216	1311	1931	23.91	\$54.85*
AMD Athlon 64 X2 Dual Core 5000+	1313	1929	3.96	\$331.49*
Intel Xeon 3050 @ 2.13GHz	1313	1928	8.32	\$157.95*
AMD Athlon II P360 Dual-Core	1317	1927	54.89	\$24.00*
Intel Core2 Duo L9600 @ 2.13GHz	1318	1926	NA	NA
AMD Athlon Dual Core 5200B	1319	1925	NA	NA
Intel Core i7-620UM @ 1.07GHz	1323	1924	NA	NA
Athlon Dual Core 4850e	1327	1923	NA	NA
Intel Pentium P6100 @ 2.00GHz	1328	1922	110.68	\$12.00*
Intel Core2 Extreme X7850 @ 2.80GHz	1331	1921	NA	NA
Intel Pentium E2220 @ 2.40GHz	1332	1920	2.54	\$525.00
Intel Pentium T4500 @ 2.30GHz	1336	1919	NA	NA
AMD Turion II Dual-Core Mobile M540	1338	1918	NA	NA
Intel Xeon L3406 @ 2.27GHz	1338	1917	4.83	\$277.01*
Intel Core i5-430UM @ 1.20GHz	1339	1916	NA	NA
Intel Celeron P4600 @ 2.00GHz	1340	1915	NA	NA
AMD Athlon Dual Core 5050e	1347	1914	22.45	\$60.00*
Intel Pentium P6200 @ 2.13GHz	1349	1913	30.02	\$44.95*
AMD Athlon II X2 270u	1350	1912	19.96	\$67.67*
AMD Athlon II X2 4300e	1350	1911	NA	NA
Intel Core i5-520UM @ 1.07GHz	1356	1910	NA	NA
AMD Turion II P520 Dual-Core	1357	1909	NA	NA
AMD Opteron 2214	1358	1908	46.85	\$29.00
AMD Opteron 185	1360	1907	NA	NA
Intel Core2 Duo E6420 @ 2.13GHz	1360	1906	27.22	\$49.99
AMD E2-9000e	1361	1905	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core2 Duo T6600 @ 2.20GHz	1362	1904	72.08	\$18.90*
VIA QuadCore L4700 @ 1.2+ GHz	1363	1903	NA	NA
Intel Celeron B815 @ 1.60GHz	1366	1902	NA	NA
Intel Core2 Duo T6670 @ 2.20GHz	1368	1901	NA	NA
Athlon 64 Dual Core 4800+	1370	1900	NA	NA
Intel Core i5-540UM @ 1.20GHz	1374	1899	NA	NA
AMD Turion II Neo N54L Dual-Core	1376	1898	NA	NA
Intel Xeon 5130 @ 2.00GHz	1378	1897	103.95	\$13.26*
Intel Xeon E5502 @ 1.87GHz	1378	1896	14.51	\$95.00*
Intel Core2 Duo T7600 @ 2.33GHz	1380	1894	NA	NA
Intel Pentium P6300 @ 2.27GHz	1380	1895	NA	NA
AMD Athlon 64 X2 Dual Core 5200+	1383	1893	26.05	\$53.09*
Intel Celeron E3300 @ 2.50GHz	1385	1891	123.84	\$11.19
Intel Core2 Duo E4600 @ 2.40GHz	1385	1892	77.02	\$17.99
AMD Athlon Dual Core 4850B	1391	1890	NA	NA
Intel Celeron 1007U @ 1.50GHz	1392	1889	7.53	\$184.99*
Intel Celeron E3200 @ 2.40GHz	1394	1888	26.81	\$51.99*
Intel Pentium 997 @ 1.60GHz	1395	1887	NA	NA
Intel Xeon E5503 @ 2.00GHz	1396	1886	4.87	\$287.01*
AMD Opteron 2220 SE	1398	1885	55.92	\$25.00*
AMD E2-3200 APU	1401	1883	175.41	\$7.99*
Intel Xeon E5205 @ 1.86GHz	1401	1884	148.77	\$9.42*
AMD Athlon Dual Core 5400B	1405	1882	NA	NA
AMD Turion II Ultra Dual-Core Mobile M600	1409	1881	79.15	\$17.81*
Intel Celeron B810 @ 1.60GHz	1411	1880	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Sempron X2 198 Dual-Core	1413	1879	NA	NA
AMD Opteron 2214 HE	1415	1878	NA	NA
Intel Core2 Duo P7450 @ 2.13GHz	1416	1877	35.41	\$39.99*
Intel Celeron 2955U @ 1.40GHz	1419	1875	NA	NA
Intel Core2 Duo T7700 @ 2.40GHz	1419	1876	23.68	\$59.95*
AMD Athlon X2 440	1424	1874	NA	NA
AMD Turion II Ultra Dual-Core Mobile M620	1427	1873	NA	NA
Intel Celeron B820 @ 1.70GHz	1428	1872	36.35	\$39.29*
AMD Turion II P540 Dual-Core	1429	1871	28.62	\$49.95*
AMD Phenom X2 Dual-Core GP-7730	1435	1870	NA	NA
Intel Celeron E3400 @ 2.60GHz	1439	1869	23.90	\$60.23
Intel Celeron 2957U @ 1.40GHz	1441	1868	NA	NA
AMD Opteron 1218 HE	1444	1867	NA	NA
AMD Athlon 64 X2 Dual Core 5400+	1446	1866	27.29	\$52.99*
AMD Athlon 7450 Dual-Core	1448	1865	NA	NA
Intel Core2 Duo P7570 @ 2.26GHz	1450	1864	NA	NA
AMD TurionX2 Ultra DualCore Mobile ZM-85	1454	1863	NA	NA
Intel Celeron E3500 @ 2.70GHz	1454	1862	23.45	\$62.01
Intel Core2 Duo P8400 @ 2.26GHz	1455	1861	4.90	\$297.01*
AMD Athlon 7550 Dual-Core	1458	1860	24.30	\$60.00*
Intel Core2 Duo E6540 @ 2.33GHz	1458	1859	NA	NA
AMD Opteron 290	1464	1858	10.85	\$135.00*
AMD Opteron 1218	1468	1857	NA	NA
Intel Celeron N4000 @ 1.10GHz	1469	1856	13.74	\$107.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 285	1470	1855	NA	NA
Intel Core2 Duo T8300 @ 2.40GHz	1474	1854	13.54	\$108.95*
AMD A6-5345M APU	1476	1853	NA	NA
Intel Core2 Duo E4700 @ 2.60GHz	1483	1852	54.96	\$26.99
AMD Athlon 64 X2 Dual Core 5600+	1484	1851	9.90	\$149.95
AMD Athlon II X2 210e	1486	1850	NA	NA
Intel Pentium E5200 @ 2.50GHz	1488	1849	16.55	\$89.95
AMD Athlon 64 FX-74	1495	1848	2.99	\$499.50*
AMD GX-412HC	1497	1847	NA	NA
Intel Atom E3845 @ 1.91GHz	1499	1845	NA	NA
Intel Celeron N2920 @ 1.86GHz	1499	1846	NA	NA
Intel Core2 Duo E6550 @ 2.33GHz	1499	1844	100.31	\$14.95
AMD A4-3300 APU	1504	1843	115.80	\$12.99
AMD Athlon II X2 4450e	1504	1842	NA	NA
Athlon 64 Dual Core 5000+	1507	1841	NA	NA
AMD Sempron X2 190	1509	1840	18.09	\$83.44*
AMD Turion II P560 Dual-Core	1513	1839	NA	NA
Intel Core2 Duo P7550 @ 2.26GHz	1516	1838	6.59	\$229.99*
AMD Opteron 2216	1518	1837	66.00	\$23.00
Intel Xeon 3060 @ 2.40GHz	1518	1836	66.07	\$22.99*
Intel Celeron 1017U @ 1.60GHz	1519	1834	NA	NA
Intel Pentium N3510 @ 1.99GHz	1519	1835	NA	NA
Intel Celeron 3205U @ 1.50GHz	1520	1830	5.30	\$287.04*
Intel Celeron B830 @ 1.80GHz	1520	1832	NA	NA
Intel Core2 Duo E8135 @ 2.40GHz	1520	1833	NA	NA
Intel Xeon 3065 @ 2.33GHz	1520	1831	72.77	\$20.90*
AMD Turion II N550 Dual-Core	1521	1829	NA	NA
AMD A6-1450 APU	1523	1828	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 225	1526	1827	NA	NA
AMD Athlon 64 X2 Dual Core 5800+	1528	1826	61.17	\$24.99
AMD Turion II Ultra Dual-Core Mobile M660	1533	1825	NA	NA
Intel Core2 Duo P8600 @ 2.40GHz	1536	1824	31.24	\$49.18*
Intel Pentium E5300 @ 2.60GHz	1538	1823	77.12	\$19.95
AMD Athlon X2 215	1543	1822	NA	NA
AMD A4 Micro-6400T APU	1544	1821	NA	NA
Athlon 64 Dual Core 5600+	1548	1820	NA	NA
Intel Core2 Duo E6600 @ 2.40GHz	1552	1819	103.59	\$14.99
Intel Core i3-2357M @ 1.30GHz	1556	1818	NA	NA
AMD Athlon II N370 Dual-Core	1559	1817	NA	NA
Intel Core2 Duo P9300 @ 2.26GHz	1564	1816	NA	NA
Intel Celeron J4005 @ 2.00GHz	1569	1815	10.90	\$144.01
Intel Xeon 3085 @ 3.00GHz	1570	1814	NA	NA
AMD Athlon 64 FX-62 Dual Core	1573	1813	NA	NA
AMD Athlon 7750 Dual-Core	1575	1812	10.59	\$148.71*
AMD R-260H APU	1576	1810	NA	NA
Intel Celeron 2981U @ 1.60GHz	1576	1811	NA	NA
AMD Athlon II X2 215	1577	1809	131.55	\$11.99*
AMD Turion II N530 Dual-Core	1583	1808	52.78	\$30.00*
AMD Athlon X2 240	1589	1807	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon 5148 @ 2.33GHz	1590	1806	121.17	\$13.13*
Intel Celeron 2980U @ 1.60GHz	1593	1805	NA	NA
AMD Opteron 2218	1594	1804	49.18	\$32.42*
AMD A4-3400 APU	1595	1803	155.09	\$10.29
AMD Phenom II P650 Dual-Core	1597	1801	45.66	\$35.00*
Intel Pentium E5400 @ 2.70GHz	1597	1802	96.69	\$16.52
Intel Xeon 5133 @ 2.20GHz	1598	1800	NA	NA
AMD A6-9220e	1600	1799	NA	NA
AMD Phenom II P820 Triple-Core	1604	1797	NA	NA
Intel Core2 Duo T7800 @ 2.60GHz	1604	1798	2.64	\$607.99*
AMD Athlon 64 X2 Dual Core 6000+	1605	1796	49.39	\$32.50
Intel Celeron 2002E @ 1.50GHz	1605	1794	18.67	\$86.00*
Intel Pentium A1018 @ 2.10GHz	1605	1795	NA	NA
AMD A4-4300M APU	1611	1793	40.43	\$39.86
Athlon 64 Dual Core 5400+	1614	1791	NA	NA
Intel Celeron J1850 @ 1.99GHz	1614	1792	NA	NA
AMD A6 PRO-7050B APU	1616	1790	NA	NA
AMD Athlon II X2 4400e	1618	1789	NA	NA
AMD Phenom 8250e Triple-Core	1619	1788	34.45	\$46.99*
Intel Celeron 3965Y @ 1.50GHz	1619	1787	15.14	\$107.00*
Intel Atom x5-E8000 @ 1.04GHz	1623	1786	NA	NA
Intel Core2 Duo P8700 @ 2.53GHz	1624	1785	42.77	\$37.99*
AMD Athlon X2 255	1627	1784	NA	NA
Intel Celeron N2930 @ 1.83GHz	1628	1783	NA	NA
AMD Athlon II X2 220	1631	1781	50.69	\$32.19
AMD Phenom 8400 Triple-Core	1631	1782	NA	NA
Intel Core2 Duo E7200 @ 2.53GHz	1631	1780	21.76	\$75.00
AMD A6-4400M APU	1634	1779	40.99	\$39.86*
Intel Celeron 3215U @ 1.70GHz	1639	1777	NA	NA
Intel Xeon 5140 @ 2.33GHz	1639	1778	50.57	\$32.42*
Intel Pentium E5500 @ 2.80GHz	1640	1776	195.49	\$8.39

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 240	1641	1775	102.64	\$15.99
AMD E2-3800 APU	1644	1773	NA	NA
AMD Phenom 8250 Triple-Core	1644	1774	NA	NA
Intel Celeron 3855U @ 1.60GHz	1651	1772	NA	NA
AMD Opteron 1220	1653	1771	NA	NA
AMD Athlon II X2 245	1657	1770	47.44	\$34.95
Intel Celeron N3150 @ 1.60GHz	1658	1769	NA	NA
Intel Core i7-640UM @ 1.20GHz	1658	1768	NA	NA
AMD Athlon II X2 235e	1660	1767	9.13	\$181.88*
Intel Pentium 2117U @ 1.80GHz	1660	1766	12.40	\$134.00*
AMD QC-4000	1663	1765	NA	NA
Intel Core i5-560UM @ 1.33GHz	1664	1764	NA	NA
AMD E2-9000	1666	1763	NA	NA
Intel Celeron G1101 @ 2.27GHz	1667	1762	118.34	\$14.09
AMD Turion II Ultra Dual-Core Mobile M640	1669	1761	NA	NA
AMD Athlon X2 240e	1670	1759	NA	NA
Intel Core2 Duo T9300 @ 2.50GHz	1670	1760	28.80	\$57.99*
AMD A6-7000	1671	1758	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 1000M @ 1.80GHz	1675	1757	NA	NA
Intel Celeron N3160 @ 1.60GHz	1675	1755	5.84	\$286.99*
Intel Core2 Duo SP9400 @ 2.40GHz	1675	1756	5.90	\$284.00*
AMD A4-3420 APU	1679	1754	NA	NA
AMD Phenom II N620 Dual-Core	1681	1753	421.43	\$3.99
Intel Core2 Extreme X7900 @ 2.80GHz	1681	1752	NA	NA
Intel Core i3-2365M @ 1.40GHz	1682	1751	NA	NA
Intel Pentium 3558U @ 1.70GHz	1686	1750	NA	NA
Intel Core2 Duo X7360 @ 2.53GHz	1687	1749	NA	NA
AMD A6-9200	1688	1748	NA	NA
Intel Core2 Duo E6700 @ 2.66GHz	1692	1747	56.44	\$29.99
Intel Core i3-3229Y @ 1.40GHz	1693	1746	NA	NA
Intel Atom x5-Z8500 @ 1.44GHz	1695	1745	27.10	\$62.57*
AMD Athlon X2 250	1696	1744	NA	NA
AMD Phenom X2 Dual-Core GE-4060	1697	1743	NA	NA
AMD Athlon II X2 240e	1700	1742	48.65	\$34.95*
AMD Opteron 2220	1701	1741	1.15	\$1,475.16*
Intel Celeron 3755U @ 1.70GHz	1702	1740	NA	NA
AMD Phenom 8600 Triple-Core	1703	1739	32.15	\$52.99*
Intel Celeron U1900 @ 1.99GHz	1704	1738	NA	NA
Intel Core i3-2367M @ 1.40GHz	1704	1737	NA	NA
Intel Pentium 3556U @ 1.70GHz	1704	1736	NA	NA
AMD Athlon II X2 245e	1706	1735	21.33	\$80.00*
Intel Pentium E6300 @ 2.80GHz	1708	1734	3.02	\$565.00
AMD Phenom II X2 B53	1709	1733	NA	NA
AMD Athlon II X2 B22	1710	1731	32.58	\$52.49
Intel Core i7-680UM @ 1.47GHz	1710	1732	NA	NA
Intel Pentium B950 @ 2.10GHz	1711	1730	NA	NA
AMD Sempron 3850 APU	1714	1729	50.43	\$33.99
Intel Core2 Duo E6750 @ 2.66GHz	1714	1728	132.39	\$12.95
AMD Athlon 7850 Dual-Core	1715	1727	8.18	\$209.65*
AMD Phenom II N640 Dual-Core	1716	1726	26.43	\$64.95*
Intel Celeron G530T @ 2.00GHz	1717	1725	NA	NA
Intel Celeron B840 @ 1.90GHz	1719	1724	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2340UE @ 1.30GHz	1719	1723	NA	NA
Intel Pentium B940 @ 2.00GHz	1725	1722	57.64	\$29.94*
Intel Core2 Duo E7300 @ 2.66GHz	1726	1721	86.39	\$19.99
Intel Celeron 1037U @ 1.80GHz	1735	1720	NA	NA
Intel Celeron N2940 @ 1.83GHz	1735	1719	NA	NA
Intel Core2 Duo T9400 @ 2.53GHz	1736	1718	24.83	\$69.95*
AMD Phenom II P840 Triple-Core	1738	1716	NA	NA
Intel Core2 Duo P9600 @ 2.53GHz	1738	1715	17.56	\$99.00*
Intel Pentium E5700 @ 3.00GHz	1738	1717	115.96	\$14.99
Intel Core2 Duo P8800 @ 2.66GHz	1741	1714	30.56	\$56.99*
AMD Athlon II X2 250	1743	1713	44.75	\$38.95
Intel Core i7-660UM @ 1.33GHz	1745	1712	NA	NA
Intel Core2 Duo E8135 @ 2.66GHz	1746	1711	NA	NA
Intel Xeon 5150 @ 2.66GHz	1748	1710	3.83	\$455.95*
AMD Embedded G-Series GX-215JJ Radeon R2E	1750	1709	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom X2 Dual-Core GE-7060	1752	1708	NA	NA
AMD Opteron 1222	1757	1707	NA	NA
AMD Phenom X4 Quad-Core GP-9500	1757	1705	NA	NA
Intel Xeon W3503 @ 2.40GHz	1757	1706	108.35	\$16.22*
AMD Phenom II P860 Triple-Core	1759	1704	NA	NA
Intel Pentium E6500 @ 2.93GHz	1760	1703	7.83	\$225.00
Intel Core2 Duo P9500 @ 2.53GHz	1765	1702	1.77	\$998.99*
AMD Athlon II X2 B24	1771	1701	44.34	\$39.95*
Intel Atom Z3795 @ 1.60GHz	1771	1700	NA	NA
Intel Core2 Duo E7400 @ 2.80GHz	1773	1699	61.16	\$28.99
AMD E2-9010	1774	1698	NA	NA
Intel Xeon 3070 @ 2.66GHz	1776	1697	4.34	\$408.95*
Intel Core i3-2375M @ 1.50GHz	1780	1696	NA	NA
AMD Athlon 64 X2 Dual Core 6400+	1791	1695	6.89	\$259.95
Intel Celeron J3160 @ 1.60GHz	1791	1694	NA	NA
Intel Core i3-330M @ 2.13GHz	1791	1693	36.89	\$48.56*
AMD Athlon 64 FX-72	1794	1692	NA	NA
Intel Core2 Duo T9500 @ 2.60GHz	1796	1691	NA	NA
Intel Core2 Duo T9550 @ 2.66GHz	1801	1690	6.02	\$298.95*
Intel Core2 Extreme X7800 @ 2.60GHz	1802	1689	NA	NA
Intel Pentium N3520 @ 2.16GHz	1803	1688	NA	NA
AMD Athlon X2 235e	1806	1687	NA	NA
Intel Celeron 1005M @ 1.90GHz	1811	1686	NA	NA
Intel Pentium 2127U @ 1.90GHz	1819	1685	13.58	\$134.00*
AMD A6-9210	1820	1683	NA	NA
AMD Phenom II P940 Quad-Core	1820	1684	NA	NA
Intel Core i3-2377M @ 1.50GHz	1820	1682	NA	NA
AMD A4-4000 APU	1822	1681	60.76	\$29.99
Intel Xeon L5238 @ 2.66GHz	1823	1680	NA	NA
AMD Phenom II X2 B57	1826	1679	NA	NA
Intel Atom E3950 @ 1.60GHz	1827	1678	NA	NA
Intel Pentium N3700 @ 1.60GHz	1833	1677	4.12	\$444.78*
AMD A6 Micro-6500T APU	1834	1676	NA	NA
AMD Phenom 9100e Quad-Core	1835	1675	45.96	\$39.95
Intel Pentium J2850 @ 2.41GHz	1839	1674	NA	NA
Intel Xeon 3075 @ 2.66GHz	1840	1673	5.26	\$349.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom x5-Z8550 @ 1.44GHz	1841	1672	NA	NA
AMD Opteron 2222	1843	1671	1.11	\$1,664.98*
AMD A4-5150M APU	1844	1670	NA	NA
Intel Celeron N3450 @ 1.10GHz	1844	1669	11.25	\$163.93
AMD Athlon II X2 255	1846	1667	28.32	\$65.22*
Intel Core2 Duo E8335 @ 2.66GHz	1846	1668	NA	NA
Intel Celeron J1900 @ 1.99GHz	1850	1666	NA	NA
AMD Phenom II N660 Dual-Core	1853	1665	18.72	\$99.00*
Intel Pentium B960 @ 2.20GHz	1853	1664	37.84	\$48.99*
Intel Xeon W3505 @ 2.53GHz	1858	1663	NA	NA
Intel Pentium G6950 @ 2.80GHz	1859	1662	189.89	\$9.79
Intel Celeron 3955U @ 2.00GHz	1862	1661	NA	NA
Intel Pentium N3710 @ 1.60GHz	1863	1660	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II P920 Quad-Core	1866	1659	24.89	\$75.00*
Intel Core2 Extreme X6800 @ 2.93GHz	1870	1658	7.09	\$263.64*
AMD Athlon II X2 260	1872	1656	93.68	\$19.99
Intel Pentium E6600 @ 3.06GHz	1872	1657	18.73	\$100.00*
Intel Core2 Duo E7500 @ 2.93GHz	1875	1655	125.13	\$14.99
Intel Core2 Duo P9600 @ 2.66GHz	1881	1654	NA	NA
AMD A6-3400M APU	1885	1653	62.91	\$29.97*
AMD Phenom 8450 Triple-Core	1887	1652	63.03	\$29.95*
Intel Core2 Duo E8200 @ 2.66GHz	1888	1651	37.77	\$49.99
AMD Phenom II N830 Triple-Core	1889	1649	NA	NA
Intel Atom E3940 @ 1.60GHz	1889	1650	NA	NA
AMD A10 Micro-6700T APU	1890	1647	NA	NA
AMD Athlon II X2 265	1890	1648	22.81	\$82.88*
AMD Athlon II X2 B26	1891	1646	54.12	\$34.95
Intel Pentium N3530 @ 2.16GHz	1892	1645	NA	NA
Intel Core i3-350M @ 2.27GHz	1893	1644	42.99	\$44.05
Intel Pentium E5800 @ 3.20GHz	1895	1643	63.21	\$29.99
VIA QuadCore C4650@2.0GHz	1897	1642	NA	NA
AMD A6-5350M APU	1899	1641	44.05	\$43.12
Intel Atom x7-Z8700 @ 1.60GHz	1900	1639	25.82	\$73.63*
Intel Core i3-4010Y @ 1.30GHz	1900	1640	NA	NA
Intel Core2 Extreme X9000 @ 2.80GHz	1900	1638	4.64	\$409.95*
AMD Athlon X2 340 Dual Core	1901	1637	38.03	\$49.99
AMD E2-6110 APU	1901	1636	NA	NA
Intel Atom x7-Z8750 @ 1.60GHz	1901	1635	NA	NA
Intel Xeon @ 2.20GHz	1902	1634	NA	NA
AMD A4-5000 APU	1908	1632	NA	NA
AMD A9-9420e	1908	1633	NA	NA
AMD Phenom II X2 545	1911	1631	43.46	\$43.98
AMD A4-4020 APU	1915	1629	19.16	\$100.00
AMD A4-9120	1915	1630	NA	NA
AMD Opteron 2224 SE	1919	1628	NA	NA
AMD Phenom 8600B Triple-Core	1920	1627	36.25	\$52.99*
AMD Phenom X3 8550	1922	1626	11.31	\$169.95*
Intel Core2 Duo T9600 @ 2.80GHz	1926	1625	21.42	\$89.95*
Intel Pentium G640T @ 2.40GHz	1926	1624	NA	NA
Intel Pentium N3540 @ 2.16GHz	1930	1623	7.69	\$250.87*
AMD Phenom II X2 B55	1931	1622	40.24	\$48.00*
Intel Pentium J3710 @ 1.60GHz	1932	1621	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II N850 Triple-Core	1935	1619	77.42	\$25.00*
Intel Core i3-330E @ 2.13GHz	1935	1620	NA	NA
Intel Celeron 3865U @ 1.80GHz	1936	1618	NA	NA
AMD A6-5357M APU	1938	1617	NA	NA
Intel Pentium E6700 @ 3.20GHz	1942	1616	114.36	\$16.99
AMD GX-415GA SOC	1946	1615	NA	NA
Intel Core2 Duo E6850 @ 3.00GHz	1948	1614	38.98	\$49.99
AMD Athlon II X2 250e	1949	1613	25.41	\$76.73*
AMD R-460L APU	1954	1611	NA	NA
Intel Core i7-620LM @ 2.00GHz	1954	1612	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	1959	1610	38.42	\$50.99*
AMD Phenom II X2 570	1960	1608	NA	NA
Intel Pentium J2900 @ 2.41GHz	1960	1609	NA	NA
Intel Xeon 5160 @ 3.00GHz	1964	1607	153.27	\$12.82*
Intel Core2 Duo E8235 @ 2.80GHz	1965	1606	NA	NA
Intel Core i7-610 @ 2.53GHz	1969	1605	NA	NA
AMD A8-3500M APU	1971	1604	28.19	\$69.95
Intel Core2 Duo E7600 @ 3.06GHz	1973	1603	16.45	\$119.95*
Intel Pentium E6800 @ 3.33GHz	1977	1602	39.56	\$49.99
AMD Athlon II X2 270	1979	1601	82.53	\$23.99
Intel Pentium 3805U @ 1.90GHz	1981	1600	NA	NA
AMD A8-7050	1986	1599	NA	NA
AMD Phenom II N870 Triple-Core	1988	1598	NA	NA
Intel Celeron 3765U @ 1.90GHz	1990	1597	NA	NA
AMD Phenom 8650 Triple-Core	1991	1596	39.83	\$49.99*
Intel Core2 Duo E8300 @ 2.83GHz	1992	1595	99.67	\$19.99
AMD Phenom X4 Quad-Core GP-9530	1994	1594	NA	NA
Intel Celeron 2950M @ 2.00GHz	1997	1593	NA	NA
AMD A6-3420M APU	2002	1592	NA	NA
AMD A4-9125	2004	1591	NA	NA
AMD Athlon II X3 400e	2009	1590	18.70	\$107.43*
AMD A4-5300 APU	2011	1588	34.50	\$58.32*
AMD A6-3500 APU	2011	1589	50.30	\$39.99
Intel Core2 Duo P9700 @ 2.80GHz	2012	1587	NA	NA
Intel Core2 Duo T9800 @ 2.93GHz	2013	1586	4.75	\$423.89*
Intel Pentium N4200 @ 1.10GHz	2013	1585	9.00	\$223.66
Intel Core i3-370M @ 2.40GHz	2017	1584	50.48	\$39.96*
AMD Phenom II X2 550	2021	1582	40.44	\$49.99
AMD Phenom II X640 Dual-Core	2021	1583	NA	NA
AMD Athlon II X3 405e	2025	1581	25.32	\$79.99*
AMD Phenom 8850 Triple-Core	2026	1580	NA	NA
Intel Pentium G620T @ 2.20GHz	2028	1579	25.36	\$79.99*
AMD Phenom 8750B Triple-Core	2034	1578	NA	NA
Intel Pentium B980 @ 2.40GHz	2034	1577	29.09	\$69.95*
AMD A4-5100 APU	2037	1576	NA	NA
Intel Atom T5700 @ 1.70GHz	2039	1575	NA	NA
AMD Phenom 8450e Triple-Core	2040	1574	NA	NA
AMD Phenom II X2 555	2044	1573	70.53	\$28.99
Intel Pentium 4410Y @ 1.50GHz	2047	1572	12.72	\$161.00*
AMD A6-3410MX APU	2052	1571	68.45	\$29.99*
AMD Phenom II X2 560	2057	1570	51.46	\$39.99
AMD Phenom 8750 Triple-Core	2058	1569	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium 4405Y @ 1.50GHz	2059	1568	NA	NA
Intel Core2 Extreme X9100 @ 3.06GHz	2061	1567	2.42	\$851.00*
Intel Celeron G550T @ 2.20GHz	2063	1566	NA	NA
AMD PRO A6-9500B	2076	1565	NA	NA
AMD Phenom II X2 521	2077	1564	NA	NA
AMD Athlon X3 440	2078	1563	23.62	\$87.99*
AMD Phenom 8850B Triple-Core	2080	1562	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon II X2 B28	2083	1560	42.48	\$49.05*
Intel Pentium G6960 @ 2.93GHz	2083	1561	NA	NA
Intel Atom C2538 @ 2.40GHz	2085	1559	20.05	\$104.00*
AMD Phenom II P960 Quad-Core	2086	1558	74.52	\$28.00*
AMD Embedded G-Series GX-224IJ Radeon R4E	2088	1557	NA	NA
Intel Pentium G630T @ 2.30GHz	2089	1556	26.12	\$79.99*
Intel Core i3-380M @ 2.53GHz	2094	1555	42.74	\$49.00*
Intel Core i5-2537M @ 1.40GHz	2095	1554	NA	NA
Intel Core i5-430M @ 2.27GHz	2100	1553	15.01	\$139.95*
AMD A6-9230	2102	1552	NA	NA
AMD Athlon 5150 APU	2103	1551	13.15	\$159.95
AMD Phenom II X2 511	2104	1550	NA	NA
AMD Sempron 240	2110	1548	36.39	\$58.00
Intel Xeon E3-1220L v3 @ 1.10GHz	2110	1549	NA	NA
AMD A4-5050 APU	2113	1547	NA	NA
AMD Phenom 9150e Quad-Core	2113	1546	52.90	\$39.95*
Intel Celeron G540T @ 2.10GHz	2114	1545	NA	NA
Intel Core i5-450M @ 2.40GHz	2117	1544	66.28	\$31.95*
AMD A4-5300B APU	2125	1542	55.94	\$38.00*
AMD A8-4555M APU	2125	1543	NA	NA
Intel Core2 Duo E8435 @ 3.06GHz	2127	1541	NA	NA
Intel Core2 Duo E8335 @ 2.93GHz	2128	1540	NA	NA
AMD A4-6300B APU	2129	1539	21.30	\$100.00*
Intel Core2 Duo T9900 @ 3.06GHz	2130	1538	5.34	\$398.95*
AMD Athlon II X2 280	2131	1537	21.32	\$99.99*
Intel Celeron G1820TE @ 2.20GHz	2132	1536	NA	NA
Intel Xeon L5320 @ 1.86GHz	2135	1535	30.52	\$69.99*
AMD Phenom II X2 B59	2139	1534	107.07	\$19.98
Intel Celeron G530 @ 2.40GHz	2139	1533	53.51	\$39.99
Intel Pentium G6951 @ 2.80GHz	2140	1532	22.77	\$94.00*
Intel Celeron J3455 @ 1.50GHz	2147	1531	5.65	\$379.99
AMD A6-5400K APU	2149	1530	16.54	\$129.95
Intel Core2 Duo E8400 @ 3.00GHz	2151	1529	239.01	\$9.00
AMD Opteron 6378	2152	1528	10.76	\$199.99
AMD A4-6210 APU	2155	1527	NA	NA
Intel Core i3-4012Y @ 1.50GHz	2158	1526	NA	NA
Intel Core i3-3217UE @ 1.60GHz	2162	1525	NA	NA
Intel Xeon E3110 @ 3.00GHz	2165	1524	94.20	\$22.99*
Intel Atom C2558 @ 2.40GHz	2169	1523	15.95	\$136.00*
AMD A8-3520M APU	2178	1521	NA	NA
HP Hexa-Core 2.0GHz	2178	1522	4.32	\$504.27*
Intel Core i3-390M @ 2.67GHz	2180	1520	55.99	\$38.95*
AMD Phenom II X620 Dual-Core	2189	1519	NA	NA
AMD A6-9220	2190	1518	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Athlon X3 425	2191	1517	NA	NA
Intel Core i5 750S @ 2.40GHz	2197	1516	21.97	\$99.99
AMD A6-5400B APU	2199	1515	20.94	\$105.04*
AMD A6-8500P	2202	1514	NA	NA
Intel Pentium 4415Y @ 1.60GHz	2202	1513	13.68	\$161.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3339Y @ 1.50GHz	2203	1512	NA	NA
AMD Phenom 9500 Quad-Core	2204	1511	76.04	\$28.99
Intel Celeron G540 @ 2.50GHz	2205	1510	49.01	\$45.00
AMD Phenom X2 Dual-Core GE-5560	2206	1509	NA	NA
AMD Phenom II X2 565	2211	1508	73.73	\$29.99
Intel Core2 Duo E8700 @ 3.50GHz	2212	1507	NA	NA
Intel Core i3-4020Y @ 1.50GHz	2213	1506	NA	NA
AMD A4-6300 APU	2224	1505	18.23	\$122.00*
AMD Phenom II X3 705e	2227	1504	14.63	\$152.34*
AMD A6-3430MX APU	2229	1503	NA	NA
Intel Celeron 1020E @ 2.20GHz	2232	1502	NA	NA
AMD Phenom X4 Quad-Core GP-9600	2235	1501	NA	NA
AMD Athlon II X3 425e	2239	1500	NA	NA
Intel Pentium 3560M @ 2.40GHz	2240	1499	NA	NA
Intel Xeon E3120 @ 3.16GHz	2241	1498	NA	NA
Intel Core i5-520 @ 2.40GHz	2244	1497	NA	NA
AMD Opteron 2393 SE	2246	1496	NA	NA
AMD Athlon II X3 415e	2247	1495	29.97	\$75.00*
AMD Athlon X2 370K Dual Core	2251	1494	NA	NA
AMD Opteron 8354	2255	1493	102.52	\$22.00
Intel Core i5-4202Y @ 1.60GHz	2256	1492	NA	NA
Intel Core i5-4220Y @ 1.60GHz	2262	1491	NA	NA
Intel Xeon E5310 @ 1.60GHz	2264	1490	46.22	\$49.00*
Intel Core i7-640LM @ 2.13GHz	2265	1489	NA	NA
AMD Phenom II N930 Quad-Core	2270	1488	17.47	\$129.95*
Intel Xeon L5240 @ 3.00GHz	2271	1487	72.33	\$31.40*
Intel Xeon L3110 @ 3.00GHz	2273	1486	NA	NA
Intel Xeon L5310 @ 1.60GHz	2274	1485	20.22	\$112.50*
Intel Pentium 2020M @ 2.40GHz	2278	1484	17.01	\$134.00*
AMD A6-6400B APU	2281	1483	NA	NA
AMD E2-7110 APU	2281	1482	NA	NA
Intel Core2 Duo E8500 @ 3.16GHz	2282	1481	57.09	\$39.99
AMD Opteron 2376	2283	1480	13.69	\$166.80*
AMD Athlon II X3 420e	2285	1477	19.68	\$116.15*
AMD Phenom II X3 700e	2285	1479	NA	NA
Intel Celeron G550 @ 2.60GHz	2285	1478	114.34	\$19.99
Intel Xeon E5320 @ 1.86GHz	2288	1476	8.48	\$269.95*
Intel Pentium G645T @ 2.50GHz	2289	1475	NA	NA
Intel Pentium G620 @ 2.60GHz	2293	1474	91.78	\$24.99
AMD A6-9225	2294	1473	NA	NA
AMD A4-7300 APU	2298	1472	16.78	\$137.00
AMD A9-9400	2300	1470	NA	NA
Intel Pentium J4205 @ 1.50GHz	2300	1471	NA	NA
AMD A6-6400K APU	2303	1467	32.91	\$69.99
AMD Athlon X2 280	2303	1468	68.77	\$33.49
Intel Celeron G1610T @ 2.30GHz	2303	1466	57.53	\$40.04*
Intel Core i3-3217U @ 1.80GHz	2303	1469	10.01	\$229.99*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600 Quad-Core	2304	1464	46.15	\$49.95*
Intel Pentium 3550M @ 2.30GHz	2304	1465	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Celeron 2970M @ 2.20GHz	2312	1463	NA	NA
AMD Athlon II X3 425	2313	1462	85.72	\$26.99
AMD Athlon X3 445	2314	1460	NA	NA
Intel Celeron N4100 @ 1.10GHz	2314	1461	21.63	\$107.00*
AMD A9-9420	2315	1459	NA	NA
AMD Opteron 1352	2316	1458	17.04	\$135.99*
AMD Phenom 9350e Quad-Core	2320	1457	0.69	\$3,382.07*
Intel Core i5-460M @ 2.53GHz	2325	1456	31.03	\$74.95*
AMD A4-6320 APU	2329	1454	33.29	\$69.99
Intel Atom C2550 @ 2.40GHz	2329	1455	NA	NA
Intel Core i5-2467M @ 1.60GHz	2335	1453	NA	NA
Intel Celeron G1620T @ 2.40GHz	2353	1452	56.03	\$42.00*
Intel Core2 Duo E8290 @ 2.83GHz	2353	1451	NA	NA
AMD A4 PRO-7300B APU	2360	1450	NA	NA
AMD A6-6420K APU	2361	1449	15.75	\$149.99*
AMD GX-420CA SOC	2362	1448	NA	NA
Intel Celeron 2000E @ 2.20GHz	2365	1447	NA	NA
Intel Xeon E5603 @ 1.60GHz	2366	1446	18.34	\$129.04*
AMD Opteron X3216 APU	2368	1445	NA	NA
AMD A8-3510MX APU	2370	1443	NA	NA
Intel Core i5-520M @ 2.40GHz	2370	1444	23.71	\$99.99
Intel Pentium G630 @ 2.70GHz	2372	1442	94.95	\$24.99
AMD A8-3530MX APU	2375	1441	NA	NA
AMD Phenom II X4 8700e	2377	1440	NA	NA
Intel Core i5-4210Y @ 1.50GHz	2380	1439	NA	NA
Intel Core i3-2312M @ 2.10GHz	2381	1438	NA	NA
Intel Core i3-2332M @ 2.20GHz	2382	1437	NA	NA
Intel Core M-5Y10a @ 0.80GHz	2387	1436	NA	NA
AMD PRO A6-8530B	2388	1435	NA	NA
Intel Pentium G3320TE @ 2.30GHz	2389	1434	NA	NA
Intel Xeon X5272 @ 3.40GHz	2394	1433	17.10	\$140.00*
AMD Athlon X3 455	2401	1432	NA	NA
AMD A4 PRO-3340B	2402	1431	NA	NA
Intel Core i5-480M @ 2.67GHz	2405	1430	29.85	\$80.60*
Intel Core i5-4200Y @ 1.40GHz	2407	1429	NA	NA
Intel Core2 Duo E8600 @ 3.33GHz	2408	1428	48.17	\$49.99
AMD Embedded R-Series RX-216GD	2409	1427	NA	NA
Intel Celeron 3965U @ 2.20GHz	2411	1426	22.54	\$107.00*
Intel Xeon E7320 @ 2.13GHz	2413	1425	NA	NA
Intel Pentium 2030M @ 2.50GHz	2417	1424	18.04	\$134.00*
Intel Celeron G555 @ 2.70GHz	2422	1423	80.79	\$29.99
AMD A6-5200 APU	2424	1422	NA	NA
Intel Xeon E5240 @ 3.00GHz	2424	1421	NA	NA
Intel Xeon E3113 @ 3.00GHz	2427	1420	247.99	\$9.79*
Intel Core i3-2310M @ 2.10GHz	2429	1419	62.59	\$38.81
Intel Core i3-4010U @ 1.70GHz	2436	1418	22.15	\$110.00
AMD Phenom II X3 710	2443	1417	28.91	\$84.53*
AMD A6-6310 APU	2445	1416	NA	NA
Intel Core i3-4005U @ 1.70GHz	2446	1415	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-540M @ 2.53GHz	2449	1414	12.89	\$189.95
AMD Athlon II X4 600e	2453	1413	18.84	\$130.23*
Intel Xeon X5260 @ 3.33GHz	2453	1412	17.62	\$139.24*
Intel Atom C3538 @ 2.10GHz	2455	1411	32.73	\$75.00*
Intel Pentium Silver N5000 @ 1.10GHz	2463	1410	15.30	\$161.00*
Intel Core i3-3227U @ 1.90GHz	2466	1408	NA	NA
Intel Pentium G2020T @ 2.50GHz	2466	1409	51.81	\$47.60*
AMD Athlon II X3 435	2474	1407	82.52	\$29.99
Intel Core M-5Y51 @ 1.10GHz	2477	1406	NA	NA
Intel Core i7-2610UE @ 1.50GHz	2481	1405	NA	NA
AMD Phenom II N950 Quad-Core	2484	1404	22.07	\$112.60*
Intel Core i5-4300Y @ 1.60GHz	2484	1403	NA	NA
Intel Core i5 E 520 @ 2.40GHz	2486	1402	NA	NA
AMD GX-424CC SOC	2488	1401	NA	NA
Intel Celeron G1610 @ 2.60GHz	2490	1400	99.65	\$24.99
Intel Celeron G1630 @ 2.80GHz	2493	1399	49.89	\$49.99
Pentium Dual-Core E6000 @ 3.46GHz	2501	1398	NA	NA
AMD Athlon X4 605e	2505	1397	NA	NA
Intel Celeron G1820T @ 2.40GHz	2505	1396	59.66	\$42.00*
Intel Core i3-4030Y @ 1.60GHz	2507	1395	NA	NA
AMD A4-7210 APU	2509	1393	NA	NA
AMD Embedded G-Series GX-420GI Radeon R7E	2509	1394	NA	NA
Intel Pentium G2030T @ 2.60GHz	2510	1392	39.22	\$64.00*
Intel Xeon E5335 @ 2.00GHz	2513	1391	141.45	\$17.77*
AMD PRO A6-8500B	2516	1390	NA	NA
AMD Phenom FX-5000 Quad-Core	2517	1389	NA	NA
AMD PRO A4-3350B APU	2518	1388	NA	NA
Intel Core i3-2330M @ 2.20GHz	2522	1387	14.82	\$170.20
AMD Phenom II N970 Quad-Core	2524	1386	16.83	\$149.99*
Intel Pentium 3825U @ 1.90GHz	2527	1385	NA	NA
Intel Core2 Quad Q9000 @ 2.00GHz	2528	1384	6.50	\$389.00*
Intel Pentium G640 @ 2.80GHz	2531	1383	101.30	\$24.99
Intel Core i3-2328M @ 2.20GHz	2533	1382	27.26	\$92.97*
Intel Xeon X5270 @ 3.50GHz	2535	1381	NA	NA
Intel Atom C3558 @ 2.20GHz	2538	1380	29.52	\$86.00*
AMD Phenom 9550 Quad-Core	2543	1379	87.74	\$28.99
Intel Celeron G1830 @ 2.80GHz	2544	1378	36.35	\$69.99
Intel Core i7-610E @ 2.53GHz	2544	1377	NA	NA
Intel Core m3-7Y32 @ 1.10GHz	2555	1376	NA	NA
AMD A4-6250J APU	2556	1375	NA	NA
AMD A9-9410	2557	1374	NA	NA
Intel Pentium G840 @ 2.80GHz	2562	1373	73.23	\$34.99*
Intel Core i3-530 @ 2.93GHz	2566	1372	128.34	\$20.00
Intel Pentium G3220T @ 2.60GHz	2567	1371	36.69	\$69.99*
AMD Athlon II X3 440	2571	1370	95.29	\$26.99
AMD A8-6410 APU	2572	1369	NA	NA
AMD A9-9430	2573	1368	NA	NA
AMD Athlon II X3 445	2574	1366	28.29	\$91.00*
AMD Athlon X3 435	2574	1367	26.96	\$95.49*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom 9600B Quad-Core	2577	1365	17.51	\$147.19*
Intel Celeron G1620 @ 2.70GHz	2582	1364	16.82	\$153.59*
Intel Core i7-2630UM @ 1.60GHz	2584	1363	NA	NA
AMD A8-5545M APU	2585	1362	NA	NA
Intel Pentium G645 @ 2.90GHz	2586	1361	27.22	\$95.00*
Intel Core i5-560M @ 2.67GHz	2588	1360	28.77	\$89.97*
Intel Celeron G3900TE @ 2.30GHz	2591	1359	61.71	\$42.00*
Intel Pentium G2010 @ 2.80GHz	2593	1358	74.33	\$34.89
AMD Athlon II X4 6400e	2594	1357	NA	NA
AMD A10-4655M APU	2603	1356	NA	NA
AMD Athlon 5350 APU	2605	1355	7.70	\$338.46*
Intel Celeron G1840T @ 2.50GHz	2605	1354	NA	NA
AMD A8-3550MX APU	2610	1353	NA	NA
AMD A6-6420B APU	2612	1352	NA	NA
Intel Core i3-2350M @ 2.30GHz	2619	1351	62.42	\$41.97*
AMD Phenom 9450e Quad-Core	2621	1350	24.96	\$105.00*
Intel Core i3-2348M @ 2.30GHz	2621	1349	NA	NA
AMD Athlon II X3 450	2623	1347	75.06	\$34.95
Intel Core i5-580M @ 2.67GHz	2623	1348	23.86	\$109.95*
AMD Opteron 1354	2630	1346	8.49	\$309.97*
AMD Phenom 9650 Quad-Core	2638	1345	48.01	\$54.95*
AMD Opteron 2380	2640	1343	105.64	\$25.00*
AMD Phenom II X920 Quad-Core	2640	1344	NA	NA
Intel Celeron J4105 @ 1.50GHz	2641	1342	24.69	\$107.00*
Intel Core M-5Y31 @ 0.90GHz	2648	1341	NA	NA
AMD Phenom II X3 715	2649	1340	31.17	\$84.99*
AMD A8 PRO-7150B APU	2650	1339	NA	NA
AMD Phenom II N830 3+1	2652	1338	NA	NA
AMD A6-7310 APU	2659	1337	NA	NA
Intel Pentium G850 @ 2.90GHz	2663	1336	88.80	\$29.99
AMD A8-4500M APU	2665	1335	NA	NA
Intel Core i5-2557M @ 1.70GHz	2671	1334	NA	NA
AMD Opteron 3320 EE	2675	1333	NA	NA
AMD Phenom II X3 720	2679	1332	38.28	\$69.99
Intel Celeron G3900E @ 2.40GHz	2679	1331	NA	NA
Intel Core i3-540 @ 3.07GHz	2687	1330	128.00	\$21.00
AMD A6 PRO-7400B	2690	1329	NA	NA
AMD Phenom X4 Quad-Core GP-9930	2690	1328	NA	NA
AMD Phenom II X940 Quad-Core	2695	1327	NA	NA
Intel Xeon E5504 @ 2.00GHz	2702	1326	38.63	\$69.95
AMD A6-3600 APU	2703	1325	117.61	\$22.99*
Intel Core i3-4030U @ 1.90GHz	2706	1324	NA	NA
AMD A9-9425	2708	1323	NA	NA
AMD Phenom 9750B Quad-Core	2709	1322	NA	NA
AMD Phenom X4 Quad-Core GP-9830	2715	1321	NA	NA
Intel Core M-5Y10 @ 0.80GHz	2722	1320	NA	NA
Intel Core i7-620M @ 2.67GHz	2723	1319	24.76	\$110.01*
AMD A6-7470K	2727	1318	38.97	\$69.99
AMD Phenom II X3 B73	2735	1317	36.47	\$75.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 B15e	2736	1316	NA	NA
Intel Xeon X3210 @ 2.13GHz	2737	1315	14.74	\$185.71*
AMD A8-7410 APU	2738	1314	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G860 @ 3.00GHz	2741	1313	91.43	\$29.99
Intel Pentium 1403 @ 2.60GHz	2742	1312	NA	NA
AMD Athlon II X4 605e	2750	1311	27.01	\$101.80*
Intel Xeon L5335 @ 2.00GHz	2756	1310	72.15	\$38.20*
Intel Celeron G1820 @ 2.70GHz	2757	1309	42.42	\$65.00
AMD PRO A6-7350B	2759	1308	NA	NA
AMD PRO A6-9500E	2761	1307	37.31	\$74.00*
AMD A10-5745M APU	2762	1305	NA	NA
Intel Pentium G2020 @ 2.90GHz	2762	1306	84.06	\$32.86
AMD Opteron 1356	2765	1304	30.73	\$89.99*
Intel Celeron G3930T @ 2.70GHz	2766	1303	65.87	\$42.00*
Intel E3000 @ 3.40GHz	2767	1302	NA	NA
AMD Athlon II X3 455	2769	1301	71.02	\$38.99
Intel Core i3-2370M @ 2.40GHz	2776	1300	69.75	\$39.81
AMD Phenom II X4 B05e	2781	1299	NA	NA
Intel Core i3-4025U @ 1.90GHz	2782	1298	NA	NA
AMD A6-7400K APU	2783	1297	56.82	\$48.99
AMD Opteron 2373 EE	2789	1296	NA	NA
AMD PRO A4-8350B	2791	1295	NA	NA
AMD A4 PRO-7350B	2794	1294	NA	NA
AMD Athlon II X4 610e	2797	1293	39.97	\$69.99*
AMD A6-3620 APU	2799	1292	46.67	\$59.99*
Intel Pentium G2100T @ 2.60GHz	2802	1291	NA	NA
AMD A8-7100 APU	2804	1290	NA	NA
Intel Core i5-4422E @ 1.80GHz	2806	1289	10.55	\$266.00*
AMD Phenom 9750 Quad-Core	2812	1287	95.37	\$29.49
AMD Phenom X4 Quad-Core GP-9730	2812	1288	NA	NA
Intel Core2 Quad Q8200 @ 2.33GHz	2812	1286	122.35	\$22.99
AMD Opteron 2356	2814	1285	188.25	\$14.95
Intel Core M-5Y10c @ 0.80GHz	2815	1284	10.02	\$281.00*
Intel Core i7-2617M @ 1.50GHz	2818	1283	NA	NA
AMD Opteron 2350	2820	1282	10.45	\$269.99*
AMD PRO A6-8570E	2824	1281	NA	NA
Intel Pentium G870 @ 3.10GHz	2826	1280	29.14	\$97.00*
Intel Core i3-550 @ 3.20GHz	2827	1279	16.07	\$176.00
Intel Core i7-2677M @ 1.80GHz	2828	1278	NA	NA
Intel Core i7-640M @ 2.80GHz	2832	1277	14.17	\$199.95*
Celeron Dual-Core Q8300 @ 2.50GHz	2837	1276	NA	NA
Intel Core i3-2310E @ 2.10GHz	2839	1275	12.62	\$225.00*
Intel Xeon E5405 @ 2.00GHz	2850	1274	10.18	\$279.95*
AMD Athlon II X3 460	2859	1273	73.35	\$38.99
Intel Celeron G1840 @ 2.80GHz	2860	1272	39.19	\$72.99
AMD Athlon X4 620	2861	1271	47.74	\$59.95
Intel Pentium G2030 @ 3.00GHz	2869	1270	70.01	\$40.99
Intel Pentium G3240T @ 2.70GHz	2874	1269	NA	NA
AMD Phenom II X4 900e	2882	1268	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4400TE @ 2.40GHz	2885	1267	45.09	\$64.00*
AMD A6-9500E	2889	1266	48.16	\$59.99
AMD Athlon X4 635	2891	1265	23.71	\$121.99*
AMD Phenom 9850 Quad-Core	2893	1264	57.87	\$50.00*
AMD Athlon 5370 APU	2898	1263	45.51	\$63.70*
AMD Athlon II X4 615e	2901	1262	49.17	\$59.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4110U @ 1.90GHz	2902	1260	NA	NA
Intel Core i3-5005U @ 2.00GHz	2902	1258	NA	NA
Intel Core i5-4230U @ 1.90GHz	2902	1259	NA	NA
Intel Pentium Silver J5005 @ 1.50GHz	2902	1261	13.20	\$219.92*
AMD A10-4657M APU	2906	1256	NA	NA
AMD Athlon II X4 620e	2906	1257	NA	NA
AMD A10-7300 APU	2907	1255	NA	NA
Intel Celeron G1850 @ 2.90GHz	2907	1254	36.35	\$79.99
Intel Core i7-2637M @ 1.70GHz	2909	1253	NA	NA
Intel Core i3-4158U @ 2.00GHz	2914	1252	NA	NA
Intel Celeron G3900T @ 2.60GHz	2919	1251	NA	NA
Intel Xeon E5345 @ 2.33GHz	2923	1250	73.12	\$39.99*
Six-Core AMD Opteron 2419 EE	2925	1249	NA	NA
AMD Phenom II X3 B75	2929	1248	73.25	\$39.99
Intel Pentium 4405U @ 2.10GHz	2929	1247	NA	NA
Intel Core i5-3439Y @ 1.50GHz	2930	1246	NA	NA
Intel Pentium G3260T @ 2.90GHz	2930	1245	32.56	\$89.99
AMD Athlon II X4 620	2937	1244	41.97	\$69.99
AMD Opteron 6134	2938	1243	8.93	\$329.00
Intel Core i3-2100T @ 2.50GHz	2941	1242	49.04	\$59.99
AMD Opteron 4122	2942	1241	23.55	\$124.99*
Intel Core i3-560 @ 3.33GHz	2943	1240	98.18	\$29.98
AMD Phenom FX-5200 Quad-Core	2948	1239	NA	NA
AMD Opteron 2374 HE	2951	1238	15.53	\$189.99*
Intel Core2 Quad Q6600 @ 2.40GHz	2954	1237	129.00	\$22.90
Intel Celeron G4900T @ 2.90GHz	2960	1236	NA	NA
AMD A8-5557M APU	2963	1235	NA	NA
Intel Core i5-4302Y @ 1.60GHz	2967	1233	NA	NA
Intel Pentium G3450T @ 2.90GHz	2967	1234	NA	NA
Intel Pentium G3250T @ 2.80GHz	2969	1232	33.00	\$89.99
Intel Xeon E5506 @ 2.13GHz	2977	1231	49.63	\$60.00*
Intel Xeon X6550 @ 2.00GHz	2977	1230	NA	NA
AMD PRO A6-8550B	2985	1229	NA	NA
Intel Core2 Quad Q8300 @ 2.50GHz	2985	1228	59.72	\$49.99
AMD Phenom 7950 Quad-Core	2991	1227	NA	NA
Intel Core M-5Y71 @ 1.20GHz	2991	1226	10.65	\$281.00*
AMD Phenom II X3 740	2994	1224	33.65	\$88.99*
AMD Phenom II X4 805	2994	1225	17.21	\$173.99*
AMD A6-9500	2996	1223	52.73	\$56.82
AMD Athlon II X4 655	2998	1222	NA	NA
AMD A8-5550M APU	3005	1221	NA	NA
AMD Phenom 2 X4 12000	3005	1220	NA	NA
Intel Celeron G3950 @ 3.00GHz	3006	1219	42.21	\$71.22*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3420T @ 2.70GHz	3008	1218	28.58	\$105.25*
AMD Phenom 9950 Quad-Core	3012	1216	16.74	\$179.98*
Intel Core i7-720QM @ 1.60GHz	3012	1217	27.40	\$109.95*
Intel Core M-5Y70 @ 1.10GHz	3016	1215	NA	NA
Intel Pentium 1403 v2 @ 2.60GHz	3018	1214	NA	NA
Intel Core i3-3250T @ 3.00GHz	3021	1213	NA	NA
AMD A8-3800 APU	3034	1212	53.25	\$56.99
Intel Xeon L5408 @ 2.13GHz	3037	1211	NA	NA
Intel Celeron G3930 @ 2.90GHz	3040	1210	59.42	\$51.17*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-5015U @ 2.10GHz	3043	1209	NA	NA
Intel Core i3-5010U @ 2.10GHz	3048	1208	10.03	\$303.93*
AMD PRO A6-8570	3049	1206	NA	NA
Intel Xeon E5606 @ 2.13GHz	3049	1207	13.92	\$219.00*
Intel Core i3-4120U @ 2.00GHz	3050	1205	NA	NA
Intel Core m3-6Y30 @ 0.90GHz	3051	1204	10.86	\$281.00*
AMD Opteron X2170 APU	3059	1203	NA	NA
AMD Athlon X3 450	3064	1202	38.80	\$78.99*
AMD Opteron 1381	3065	1201	NA	NA
AMD Phenom II X3 B77	3067	1200	125.79	\$24.39
AMD Opteron 2427	3069	1199	31.00	\$99.00
Intel Core i3-2330E @ 2.20GHz	3073	1198	NA	NA
Intel Core i3-3110M @ 2.40GHz	3076	1197	38.48	\$79.95
Intel Pentium G2120 @ 3.10GHz	3081	1196	67.01	\$45.99
AMD A10-5757M APU	3084	1195	NA	NA
AMD Phenom II X4 905e	3087	1193	57.18	\$53.99
Intel Xeon X3220 @ 2.40GHz	3087	1194	53.24	\$57.99*
Intel Core i5-3317U @ 1.70GHz	3088	1192	13.73	\$225.00*
Intel Core i3-6006U @ 2.00GHz	3090	1191	NA	NA
Intel Pentium G3440T @ 2.80GHz	3101	1190	NA	NA
Intel Core i5-650 @ 3.20GHz	3102	1189	31.03	\$99.99
AMD A6-8550	3104	1188	NA	NA
AMD A10-4600M APU	3112	1187	NA	NA
Intel Celeron G3920 @ 2.90GHz	3113	1186	51.91	\$59.97
AMD R-464L APU	3117	1185	NA	NA
Intel Xeon E7- 2830 @ 2.13GHz	3118	1184	1.75	\$1,779.00*
AMD Phenom II X4 810	3124	1183	26.94	\$115.99*
AMD A8-3820 APU	3129	1182	25.04	\$124.99*
Intel Pentium G3220 @ 3.00GHz	3132	1181	26.12	\$119.95*
AMD Athlon II X4 630	3135	1180	72.93	\$42.99
Intel Xeon E5507 @ 2.27GHz	3137	1179	6.87	\$456.91*
Intel Pentium 4415U @ 2.30GHz	3141	1178	NA	NA
Intel Celeron G3900 @ 2.80GHz	3149	1177	60.99	\$51.65
AMD Athlon II X4 631 Quad-Core	3153	1176	39.42	\$80.00*
AMD A6-3650 APU	3156	1175	98.66	\$31.99
Intel Pentium G3240 @ 3.10GHz	3159	1174	39.50	\$79.99
AMD Phenom 9850B Quad-Core	3160	1172	NA	NA
Intel Core i3-2120T @ 2.60GHz	3160	1173	19.75	\$160.00
Intel Core2 Quad Q9300 @ 2.50GHz	3160	1171	63.23	\$49.99
Intel Core i7-2655LE @ 2.20GHz	3161	1170	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Atom C2758 @ 2.40GHz	3162	1169	14.72	\$214.86*
AMD Opteron 4162 EE	3166	1167	NA	NA
Intel Core i5-2410M @ 2.30GHz	3166	1168	40.55	\$78.07*
Intel Core2 Quad Q8400 @ 2.66GHz	3167	1165	13.20	\$239.95*
Intel Xeon X3323 @ 2.50GHz	3167	1166	163.59	\$19.36*
AMD Athlon X4 640	3172	1164	NA	NA
AMD Opteron 2378	3179	1163	17.76	\$179.00*
Intel Core i3-5020U @ 2.20GHz	3181	1162	6.93	\$459.00*
Intel Core i5-661 @ 3.33GHz	3182	1161	31.82	\$99.99
AMD A6-3670 APU	3190	1160	63.83	\$49.99
AMD Athlon II X4 638 Quad-Core	3198	1159	120.73	\$26.49
Intel Core i7-740QM @ 1.73GHz	3199	1158	29.10	\$109.95*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-4330TE @ 2.40GHz	3201	1157	NA	NA
Intel Pentium G2130 @ 3.20GHz	3211	1156	64.24	\$49.99
AMD FX-7500 APU	3212	1155	NA	NA
AMD A10 PRO-7350B APU	3213	1154	NA	NA
Intel Core i3-3120M @ 2.50GHz	3218	1153	23.15	\$139.00
Intel Xeon X5355 @ 2.66GHz	3218	1152	78.50	\$41.00
Intel Pentium G4400T @ 2.90GHz	3219	1151	NA	NA
Intel Core i7-3689Y @ 1.50GHz	3220	1150	NA	NA
AMD A8-6500T APU	3221	1149	NA	NA
Intel Core i5-3337U @ 1.80GHz	3223	1148	14.33	\$225.00*
Intel Core i7-820QM @ 1.73GHz	3228	1147	23.22	\$139.00*
AMD PRO A6-9500	3239	1145	43.77	\$74.00*
Intel Core i5-2435M @ 2.40GHz	3239	1146	NA	NA
Intel Core m5-6Y57 @ 1.10GHz	3241	1144	NA	NA
Intel Core i3-4000M @ 2.40GHz	3242	1143	16.21	\$199.95*
Intel Core2 Quad Q9100 @ 2.26GHz	3242	1142	8.40	\$385.89*
AMD Athlon II X4 635	3243	1141	46.37	\$69.95
Intel Core i5-660 @ 3.33GHz	3247	1140	66.27	\$49.00
AMD A8-8600P	3248	1139	NA	NA
AMD Phenom II X4 910	3252	1138	32.53	\$100.00*
AMD Phenom II X4 910e	3253	1137	20.72	\$156.99*
Intel Pentium G3250 @ 3.20GHz	3254	1136	29.59	\$109.99*
AMD Opteron 3260 HE	3259	1135	NA	NA
Intel Xeon E5410 @ 2.33GHz	3267	1134	15.79	\$207.01*
Intel Core i5-2430M @ 2.40GHz	3280	1133	39.00	\$84.11*
Intel Celeron G4900 @ 3.10GHz	3284	1132	73.50	\$44.69
Intel Core2 Quad Q6700 @ 2.66GHz	3287	1131	73.08	\$44.99
Intel Core i5-4200U @ 1.60GHz	3290	1130	NA	NA
Intel Core i5-2415M @ 2.30GHz	3299	1129	NA	NA
Intel Pentium G3440 @ 3.30GHz	3304	1128	20.66	\$159.94*
Intel Xeon X3320 @ 2.50GHz	3309	1127	14.42	\$229.50*
Intel Core i5-670 @ 3.47GHz	3310	1126	36.79	\$89.99
AMD Athlon II X4 640	3313	1125	41.44	\$79.95
Intel Core i5-2515E @ 2.50GHz	3313	1124	NA	NA
Intel Celeron G4920 @ 3.20GHz	3318	1123	39.99	\$82.99
AMD A8-7200P	3319	1122	NA	NA
Intel Core i7-3517UE @ 1.70GHz	3323	1121	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 B25	3330	1120	NA	NA
AMD A10-5750M APU	3343	1119	NA	NA
Intel Atom C2750 @ 2.41GHz	3344	1118	NA	NA
Intel Core2 Quad Q9400 @ 2.66GHz	3344	1117	98.41	\$33.99
AMD Athlon II X4 641 Quad-Core	3346	1116	36.57	\$91.50*
AMD Phenom II X4 B93	3355	1115	NA	NA
Intel Xeon X3430 @ 2.40GHz	3361	1114	16.01	\$209.95*
Intel Core m5-6Y54 @ 1.10GHz	3367	1113	NA	NA
Intel Pentium G3260 @ 3.30GHz	3370	1111	32.10	\$104.99
Intel Xeon L5410 @ 2.33GHz	3370	1112	33.67	\$100.08*
Intel Xeon X3330 @ 2.66GHz	3375	1110	16.08	\$210.00*
AMD Phenom II X4 B35	3383	1109	NA	NA
Intel Pentium G2140 @ 3.30GHz	3384	1108	40.30	\$84.00
Intel Xeon E5607 @ 2.27GHz	3387	1107	15.47	\$219.00
AMD Phenom II X4 B40	3394	1106	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G3430 @ 3.30GHz	3395	1105	37.74	\$89.99
Intel Core i5-2450M @ 2.50GHz	3397	1104	38.59	\$88.02*
AMD Phenom II X4 920	3399	1103	75.56	\$44.99
Intel Core i5-655K @ 3.20GHz	3399	1102	56.67	\$59.99
AMD Phenom II X4 820	3400	1101	45.38	\$74.95*
Intel Pentium G3420 @ 3.20GHz	3401	1100	30.92	\$109.99*
Intel Core i5-4210U @ 1.70GHz	3402	1099	NA	NA
Intel Core i7-840QM @ 1.87GHz	3403	1098	11.74	\$289.97*
Intel Core i3-3130M @ 2.60GHz	3405	1097	NA	NA
Intel Xeon E5-2403 v2 @ 1.80GHz	3418	1096	18.09	\$189.00
AMD Phenom II X4 925	3421	1095	77.78	\$43.99*
Intel Xeon X3230 @ 2.66GHz	3425	1094	9.52	\$359.95*
Quad-Core AMD Opteron 1389	3427	1093	NA	NA
AMD Phenom II X4 830	3434	1092	42.96	\$79.95*
Quad-Core AMD Opteron 1385	3442	1091	63.75	\$54.00*
AMD A10-8700P	3446	1090	NA	NA
Intel Core i5-4250U @ 1.30GHz	3449	1089	9.61	\$358.99*
Intel Core2 Extreme Q9300 @ 2.53GHz	3459	1088	NA	NA
AMD Phenom II X4 B45	3467	1087	NA	NA
AMD A8-3850 APU	3468	1086	32.82	\$105.68*
Intel Core i3-4100M @ 2.50GHz	3471	1084	15.88	\$218.57*
Intel Pentium G4500T @ 3.00GHz	3471	1085	NA	NA
AMD Athlon II X4 645	3474	1083	69.51	\$49.99
AMD Athlon II X4 650	3479	1082	20.88	\$166.60*
Intel Core i5-5200U @ 2.20GHz	3486	1081	NA	NA
AMD Phenom II 42 TWKR Black Edition	3489	1080	NA	NA
Intel Xeon X5365 @ 3.00GHz	3491	1079	35.09	\$99.50*
Intel Core m7-6Y75 @ 1.20GHz	3499	1078	NA	NA
Intel Xeon L5420 @ 2.50GHz	3501	1077	127.33	\$27.50*
Intel Xeon E5420 @ 2.50GHz	3502	1076	13.47	\$259.95*
AMD Phenom II X4 840	3510	1075	39.03	\$89.95*
Intel Core i5-680 @ 3.60GHz	3513	1074	39.05	\$89.99
Intel Core i5-5350U @ 1.80GHz	3517	1073	NA	NA
Intel Xeon E5-2403 @ 1.80GHz	3523	1072	9.66	\$364.97
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 2384	3538	1070	4.21	\$840.00*
AMD Opteron 2386 SE	3538	1071	NA	NA
AMD Phenom II X4 850	3547	1069	54.59	\$64.99
Intel Core i5-3427U @ 1.80GHz	3548	1067	8.45	\$420.05*
Intel Core2 Quad Q9500 @ 2.83GHz	3548	1068	101.41	\$34.99
AMD A8-3870K APU	3549	1066	71.01	\$49.99
Intel Core m3-7Y30 @ 1.00GHz	3552	1065	NA	NA
AMD PRO A8-8600B	3553	1064	NA	NA
Intel Core i3-7020U @ 2.30GHz	3554	1063	12.65	\$281.00*
Intel Pentium G4400 @ 3.30GHz	3556	1062	46.80	\$75.99
Intel Core i5-4260U @ 1.40GHz	3557	1061	NA	NA
Intel Xeon E3-1220L @ 2.20GHz	3563	1060	NA	NA
AMD Athlon II X4 651 Quad-Core	3569	1058	20.05	\$178.04*
Intel Core2 Quad Q9505 @ 2.83GHz	3569	1059	18.79	\$190.00*
Intel Xeon E5-2603 @ 1.80GHz	3580	1057	16.61	\$215.55
AMD PRO A10-8700B	3583	1056	NA	NA
Intel Core i5-7Y54 @ 1.20GHz	3584	1055	NA	NA
Intel Core i5-5250U @ 1.60GHz	3585	1054	8.11	\$441.89*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-2520M @ 2.50GHz	3588	1053	21.16	\$169.60*
Intel Core i7-3517U @ 1.90GHz	3588	1052	NA	NA
Intel Core i7-8500Y @ 1.50GHz	3590	1051	9.14	\$393.00*
AMD Phenom II X4 940	3591	1050	29.93	\$119.99*
Intel Pentium G3460 @ 3.50GHz	3593	1049	12.47	\$288.20*
AMD Phenom II X4 840T	3601	1047	51.45	\$69.99
Intel Core i3-6100U @ 2.30GHz	3601	1048	6.99	\$515.00*
Intel Core i5-4350U @ 1.40GHz	3610	1046	NA	NA
AMD Phenom FX-7750 Quad-Core	3616	1045	NA	NA
AMD A10-7400P	3633	1044	NA	NA
Intel Core i5-3437U @ 1.90GHz	3634	1043	NA	NA
Intel Core2 Extreme Q6850 @ 3.00GHz	3635	1042	2.43	\$1,495.95*
Intel Core2 Extreme Q6800 @ 2.93GHz	3651	1041	3.25	\$1,125.00*
Intel Core i3-5157U @ 2.50GHz	3661	1040	NA	NA
AMD Phenom II X4 945	3662	1039	74.00	\$49.49
Intel Core i5-2510E @ 2.50GHz	3676	1038	NA	NA
Intel Core i3-3240T @ 2.90GHz	3686	1037	NA	NA
Intel Core i3-2100 @ 3.10GHz	3687	1036	61.48	\$59.99
AMD A10-6700T APU	3693	1035	25.02	\$147.61*
Intel Core i5-750 @ 2.67GHz	3694	1034	17.65	\$209.29*
AMD A10-9620P	3697	1033	NA	NA
AMD Phenom II X4 B95	3698	1031	50.70	\$72.95*
Intel Core i3-3220T @ 2.80GHz	3698	1032	36.99	\$99.99
AMD Phenom II X4 B50	3702	1030	NA	NA
Intel Core i3-2105 @ 3.10GHz	3704	1028	46.32	\$79.99
Intel Pentium G3450 @ 3.40GHz	3704	1029	37.04	\$99.99
Intel Pentium G3470 @ 3.60GHz	3706	1027	35.54	\$104.29*
Intel Core i7-4550U @ 1.50GHz	3713	1026	NA	NA
Intel Xeon L5506 @ 2.13GHz	3715	1025	16.59	\$224.00*
Intel Xeon L5430 @ 2.66GHz	3716	1024	23.53	\$157.95*
AMD A12-9700P	3725	1023	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-2102 @ 3.10GHz	3736	1022	64.41	\$58.00*
Intel Core i5-7Y57 @ 1.20GHz	3737	1021	NA	NA
Intel Core i5-4300U @ 1.90GHz	3742	1020	NA	NA
Intel Core i7-4610Y @ 1.70GHz	3746	1019	NA	NA
AMD Phenom II X4 977	3750	1018	NA	NA
Intel Core i5-2560M @ 2.70GHz	3752	1016	NA	NA
Intel Core i5-4310U @ 2.00GHz	3752	1017	NA	NA
Intel Core i7-920XM @ 2.00GHz	3753	1015	9.38	\$399.95*
AMD Phenom II X4 973	3759	1014	NA	NA
Intel Core2 Quad Q9450 @ 2.66GHz	3761	1013	11.23	\$335.00
Intel Core i7-7Y75 @ 1.30GHz	3764	1012	NA	NA
Intel Xeon E5-2603 v2 @ 1.80GHz	3766	1011	122.76	\$30.68
Intel Core i3-6100E @ 2.70GHz	3769	1010	NA	NA
Intel Xeon E5430 @ 2.66GHz	3774	1009	104.86	\$36.00*
Intel Core i5-2540M @ 2.60GHz	3782	1008	19.91	\$189.95
AMD Phenom II X4 960T	3787	1006	59.20	\$63.99
Intel Core i3-7100U @ 2.40GHz	3787	1007	11.21	\$337.98*
Intel Core i7-4500U @ 1.80GHz	3790	1005	NA	NA
AMD A10-9600P	3794	1003	NA	NA
Intel Pentium G4500 @ 3.50GHz	3794	1004	40.60	\$93.44
Intel Atom C2750 @ 2.40GHz	3806	1002	16.41	\$232.00*

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	3806	1001	7.38	\$515.73*
AMD Opteron 8439 SE	3813	999	50.84	\$75.00*
Intel Pentium D1508 @ 2.20GHz	3813	1000	29.56	\$129.00*
AMD Athlon II X4 553	3814	998	NA	NA
Intel Core i5-3210M @ 2.50GHz	3823	997	31.69	\$120.68*
Intel Core i5-4570TE @ 2.70GHz	3827	996	19.24	\$198.99
AMD Athlon II X4 555	3830	995	NA	NA
Intel Core i5-3610ME @ 2.70GHz	3830	994	NA	NA
Intel Core i3-6157U @ 2.40GHz	3835	993	NA	NA
Intel Xeon L7455 @ 2.13GHz	3836	992	NA	NA
Intel Core i7-2620M @ 2.70GHz	3837	991	22.60	\$169.81
Intel Xeon L3426 @ 1.87GHz	3837	990	8.59	\$447.01*
Intel Core i7-3537U @ 2.00GHz	3842	989	NA	NA
Intel Xeon X3350 @ 2.66GHz	3847	988	64.14	\$59.99*
Intel Xeon X3353 @ 2.66GHz	3853	987	52.43	\$73.50*
AMD Phenom II X4 B55	3859	986	NA	NA
Intel Xeon L3360 @ 2.83GHz	3864	985	43.31	\$89.23*
Intel Core i3-4110M @ 2.60GHz	3873	984	NA	NA
AMD Phenom II X4 B97	3883	983	68.14	\$56.99
Intel Xeon E5462 @ 2.80GHz	3885	982	142.34	\$27.30*
Intel Pentium G3258 @ 3.20GHz	3886	981	20.64	\$188.28
Intel Core i5-760 @ 2.80GHz	3889	980	48.62	\$79.99
Intel Core i3-2120 @ 3.30GHz	3925	979	130.83	\$30.00
Intel Core i7-4510U @ 2.00GHz	3929	978	NA	NA
AMD Phenom II X4 955	3932	977	30.21	\$130.16*
Intel Core i7-2640M @ 2.80GHz	3936	976	21.17	\$185.97*
Intel Core i5-3230M @ 2.60GHz	3939	975	15.78	\$249.65*
Intel Xeon E5-2407 @ 2.20GHz	3944	974	169.22	\$23.31
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom Ultra X4 24500	3945	972	NA	NA
Intel Core i7-940XM @ 2.13GHz	3945	973	NA	NA
Intel Core i5-4402E @ 1.60GHz	3947	971	NA	NA
Intel Core2 Quad Q9705 @ 3.16GHz	3947	970	NA	NA
AMD A8-5500B APU	3954	969	NA	NA
Intel Xeon X3360 @ 2.83GHz	3955	968	25.04	\$157.95*
Intel Core i7-4650U @ 1.70GHz	3967	967	NA	NA
Intel Core i7-5500U @ 2.40GHz	3970	966	NA	NA
Intel Core2 Quad Q9550 @ 2.83GHz	3972	965	81.09	\$48.99
Intel Xeon E5440 @ 2.83GHz	3976	964	33.15	\$119.95*
AMD A12-9720P	3979	963	NA	NA
AMD PRO A10-8730B	3985	962	NA	NA
Intel Core i7-3667U @ 2.00GHz	3988	961	NA	NA
AMD A8-5500 APU	3993	960	30.95	\$129.00*
AMD FX-9800P	3998	959	NA	NA
AMD PRO A8-9600B	4004	958	NA	NA
Intel Xeon X3363 @ 2.83GHz	4008	957	117.58	\$34.09*
AMD Athlon X4 740 Quad Core	4009	955	14.48	\$277.00*
AMD Opteron 3350 HE	4009	956	NA	NA
Intel Core i5-6200U @ 2.30GHz	4015	954	NA	NA
Intel Core i3-2125 @ 3.30GHz	4025	953	19.45	\$207.00
Intel Core i3-3210 @ 3.20GHz	4032	952	40.32	\$99.99
Intel Core i3-7130U @ 2.70GHz	4033	951	14.35	\$281.00*
Intel Xeon X5472 @ 3.00GHz	4034	950	17.93	\$225.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4200M @ 2.50GHz	4035	949	22.42	\$179.99*
AMD Phenom II X4 B60	4047	948	NA	NA
AMD FX-7600P	4051	947	NA	NA
Intel Core i3-2130 @ 3.40GHz	4062	946	52.08	\$78.00
AMD FX-4100 Quad-Core	4069	945	31.31	\$129.99*
Intel Pentium G4560T @ 2.90GHz	4076	944	40.76	\$99.99
Intel Core i5-4258U @ 2.40GHz	4078	943	NA	NA
Intel Core i7-4600U @ 2.10GHz	4107	942	NA	NA
Intel Core i5-3320M @ 2.60GHz	4114	941	33.52	\$122.74*
Intel Xeon X5450 @ 3.00GHz	4124	940	59.77	\$69.00
Intel Xeon E5472 @ 3.00GHz	4126	939	75.31	\$54.80*
AMD Phenom II X4 B99	4130	938	NA	NA
Intel Core i7-3555LE @ 2.50GHz	4130	937	NA	NA
Intel Core i3-4130T @ 2.90GHz	4140	936	46.53	\$88.99*
AMD Athlon II X4 559	4142	935	NA	NA
AMD FX-8800P	4147	934	NA	NA
AMD PRO A12-8800B	4154	933	NA	NA
AMD PRO A12-9800B	4158	932	NA	NA
AMD FX-4130 Quad-Core	4163	931	54.80	\$75.99*
Intel Core i5-6198DU @ 2.30GHz	4164	929	NA	NA
Intel Core2 Extreme X9650 @ 3.00GHz	4164	930	4.84	\$859.99*
Intel Core2 Quad Q9650 @ 3.00GHz	4169	928	77.23	\$53.99
AMD Phenom II X4 B65	4177	927	NA	NA
Intel Core i7-3687U @ 2.10GHz	4183	926	NA	NA
Intel Pentium G4520 @ 3.60GHz	4184	925	43.64	\$95.88
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X4 965	4191	924	71.04	\$59.00
Intel Core i5-4210M @ 2.60GHz	4195	923	13.54	\$309.95*
Intel Xeon E5450 @ 3.00GHz	4200	922	18.27	\$229.95*
AMD A10-5700 APU	4207	921	15.30	\$274.97*
Intel Pentium Gold G5500T @ 3.20GHz	4218	920	56.24	\$75.00*
Intel Core i5-4308U @ 2.80GHz	4219	919	NA	NA
Intel Core i7-5650U @ 2.20GHz	4224	918	NA	NA
Intel Core i3-3220 @ 3.30GHz	4237	917	65.71	\$64.49
Intel Core i3-6100H @ 2.70GHz	4246	916	NA	NA
AMD Athlon X4 750K Quad Core	4249	915	55.20	\$76.99*
Intel Core i5-3340M @ 2.70GHz	4254	914	53.21	\$79.95*
AMD Phenom II X4 B70	4261	913	NA	NA
Intel Core i5-2390T @ 2.70GHz	4262	912	42.66	\$99.90*
Intel Core i3-4150T @ 3.00GHz	4267	911	18.56	\$229.95*
Intel Core i7-5550U @ 2.00GHz	4271	910	NA	NA
Intel Pentium G4600T @ 3.00GHz	4272	908	42.97	\$99.44*
Intel Xeon X5698 @ 4.40GHz	4272	909	NA	NA
AMD FX-4200 Quad-Core	4279	907	18.75	\$228.21*
Intel Xeon X3370 @ 3.00GHz	4286	906	11.68	\$367.02*
Intel Core i3-4350T @ 3.10GHz	4302	905	NA	NA
Intel Core i3-3240 @ 3.40GHz	4311	904	100.28	\$42.99
Intel Core i7-5600U @ 2.60GHz	4312	903	NA	NA
AMD RX-427BB	4317	902	NA	NA
AMD PRO A12-8830B	4325	900	NA	NA
Intel Core i3-2140 @ 3.50GHz	4325	901	NA	NA
AMD Phenom II X4 970	4327	899	29.22	\$148.11*
Intel Core i7-4560U @ 1.60GHz	4329	898	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5460 @ 3.16GHz	4336	897	27.11	\$159.95*
Intel Core i3-3225 @ 3.30GHz	4337	896	43.37	\$99.99
Intel Core i3-6100TE @ 2.70GHz	4337	895	NA	NA
AMD A8-5600K APU	4340	894	18.93	\$229.30
Intel Xeon L5530 @ 2.40GHz	4351	893	311.73	\$13.96*
Intel Core i5-4288U @ 2.60GHz	4355	892	NA	NA
Intel Core i5-4278U @ 2.60GHz	4362	890	NA	NA
Intel Core i5-6260U @ 1.80GHz	4362	891	8.41	\$518.99*
Intel Xeon L5630 @ 2.13GHz	4369	889	252.11	\$17.33*
Intel Core i5-6300U @ 2.40GHz	4370	888	NA	NA
Intel Core i7-4558U @ 2.80GHz	4378	887	NA	NA
AMD A12-9730P	4381	886	NA	NA
AMD A8-6500 APU	4384	885	27.23	\$160.99*
Intel Xeon L5520 @ 2.27GHz	4387	884	339.56	\$12.92*
AMD PRO A10-9700B	4393	883	NA	NA
Intel Core i5-5257U @ 2.70GHz	4401	882	NA	NA
Intel Core i5-4300M @ 2.60GHz	4407	881	NA	NA
Intel Core i3-4160T @ 3.10GHz	4416	880	29.64	\$148.99
AMD Opteron 4184	4418	879	8.50	\$519.95*
Intel Xeon E3-1220L V2 @ 2.30GHz	4419	878	NA	NA
Intel Core i5-3360M @ 2.80GHz	4425	877	47.68	\$92.81*
Intel Core i7-6500U @ 2.50GHz	4428	876	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-3245 @ 3.40GHz	4429	875	55.37	\$79.99
Intel Core i5-3380M @ 2.90GHz	4431	874	NA	NA
Intel Core i5-4200H @ 2.80GHz	4432	873	NA	NA
Intel Xeon E5520 @ 2.27GHz	4435	872	147.90	\$29.99
Intel Core i3-3250 @ 3.50GHz	4446	871	46.81	\$94.99
AMD Phenom II X4 975	4463	870	35.23	\$126.69
Intel Core i5-3470T @ 2.90GHz	4482	869	14.51	\$308.95
Intel Core i3-4330T @ 3.00GHz	4486	868	NA	NA
Intel Core i5-4330M @ 2.80GHz	4488	867	16.32	\$274.99*
AMD Phenom II X4 980	4493	866	32.88	\$136.64*
AMD A10-9630P	4497	865	NA	NA
AMD Opteron 6128	4505	864	214.63	\$20.99
AMD Opteron 2431	4516	863	112.91	\$40.00
Intel Core i5-4210H @ 2.90GHz	4536	862	NA	NA
Intel Core i7-6498DU @ 2.50GHz	4538	861	NA	NA
AMD FirePro A320 APU	4540	860	NA	NA
Intel Core i7-3520M @ 2.90GHz	4540	858	19.32	\$235.00*
Intel Xeon X3440 @ 2.53GHz	4540	859	20.18	\$225.00*
Intel Core i3-4170T @ 3.20GHz	4544	857	21.65	\$209.95
Intel Core i5-4400E @ 2.70GHz	4548	856	17.10	\$266.00*
AMD FX-670K Quad-Core	4550	855	NA	NA
AMD Athlon X4 750 Quad Core	4551	854	NA	NA
Intel Core 860 @ 2.80GHz	4555	853	14.74	\$309.00*
Intel Xeon X5482 @ 3.20GHz	4571	852	45.72	\$99.99*
Intel Xeon E5-2407 v2 @ 2.40GHz	4575	851	9.61	\$476.31*
AMD A8-6600K APU	4584	850	47.27	\$96.99
AMD Athlon X4 760K Quad Core	4594	848	99.91	\$45.99
AMD FX-4150 Quad-Core	4594	849	NA	NA
AMD A10-6700 APU	4597	847	39.29	\$116.99
Intel Core2 Extreme X9750 @ 3.16GHz	4597	846	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon X5470 @ 3.33GHz	4600	845	24.34	\$189.00*
AMD A8-6500B APU	4603	844	NA	NA
Intel Xeon E5530 @ 2.40GHz	4605	843	153.53	\$30.00
Intel Core i5-2500T @ 2.30GHz	4608	842	NA	NA
AMD FX-B4150 Quad-Core	4611	841	NA	NA
Intel Core2 Extreme X9770 @ 3.20GHz	4611	840	2.87	\$1,608.95*
Intel Core i5-7200U @ 2.50GHz	4616	838	NA	NA
Intel Xeon E5-2609 @ 2.40GHz	4616	839	22.09	\$209.00
AMD FX-7600P APU	4627	836	NA	NA
Intel Core i5-4310M @ 2.70GHz	4627	837	NA	NA
AMD Opteron 6136	4631	835	12.90	\$359.00*
AMD Embedded R-Series RX-421BD	4635	834	NA	NA
Intel Core i3-4360T @ 3.20GHz	4636	833	NA	NA
AMD A10-5800K APU	4637	831	15.40	\$301.11*
AMD Ryzen 3 2200U	4637	832	NA	NA
Intel Core2 Extreme X9775 @ 3.20GHz	4646	830	2.57	\$1,805.95*
AMD Phenom II X6 1035T	4664	829	24.68	\$189.00*
Intel Xeon X3380 @ 3.16GHz	4665	828	9.15	\$509.95*
Intel Core i7-3540M @ 3.00GHz	4666	827	10.85	\$429.95*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10-5800B APU	4669	826	NA	NA
Intel Core i5-5287U @ 2.90GHz	4681	825	NA	NA
AMD FX-4300 Quad-Core	4682	824	89.22	\$52.49
Intel Core i3-7100H @ 3.00GHz	4696	823	20.87	\$225.00*
AMD Athlon X4 830	4701	822	NA	NA
AMD A10-6790K APU	4703	821	49.52	\$94.99
AMD Opteron 2435	4708	820	24.91	\$189.00
Intel Core i7-860S @ 2.53GHz	4711	819	23.67	\$198.99
Intel Xeon X5667 @ 3.07GHz	4722	818	59.78	\$79.00
AMD FX-9830P	4729	817	NA	NA
AMD A10-9700E	4741	816	67.74	\$69.99
Intel Core i5-6287U @ 3.10GHz	4751	815	15.63	\$304.00*
Intel Core i3-7167U @ 2.80GHz	4757	814	NA	NA
Intel Xeon E5540 @ 2.53GHz	4758	813	135.97	\$35.00*
Intel Core i7-4578U @ 3.00GHz	4780	812	NA	NA
AMD FX-770K Quad-Core	4782	811	NA	NA
AMD PRO A12-9800E	4788	810	28.34	\$169.00*
Intel Core i3-4130 @ 3.40GHz	4796	809	34.26	\$139.99
Intel Core i7-6600U @ 2.60GHz	4802	808	NA	NA
AMD A8 PRO-7600B APU	4808	807	NA	NA
Intel Core i5-4340M @ 2.90GHz	4810	806	NA	NA
AMD Phenom II X6 1045T	4817	805	27.53	\$175.00*
Intel Xeon X3450 @ 2.67GHz	4819	804	60.28	\$79.95*
Intel Core i7-6560U @ 2.20GHz	4821	803	NA	NA
Intel Core i5-4570T @ 2.90GHz	4827	802	32.40	\$148.99
Intel Xeon X5492 @ 3.40GHz	4844	801	3.48	\$1,391.29*
Intel Atom C3858 @ 2.00GHz	4852	800	14.62	\$332.00*
Intel Core i3-4370T @ 3.30GHz	4855	799	35.18	\$138.00*
Intel Xeon E5620 @ 2.40GHz	4855	798	69.37	\$70.00
Intel Core i3-6100T @ 3.20GHz	4856	797	25.56	\$189.99
AMD FX-4170 Quad-Core	4859	796	48.60	\$99.99
AMD A10-6800K APU	4863	795	16.95	\$286.85*
AMD Opteron 6274	4865	794	20.36	\$239.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4560 @ 3.50GHz	4871	793	48.72	\$99.99
Intel Core i5-6360U @ 2.00GHz	4880	792	NA	NA
Intel Core i7-4600M @ 2.90GHz	4884	791	NA	NA
Intel Core i3-4150 @ 3.50GHz	4891	790	30.38	\$160.98
AMD Opteron X3421 APU	4899	789	NA	NA
AMD PRO A10-9700E	4922	788	35.42	\$139.00*
Intel Core i7-920 @ 2.67GHz	4925	787	28.31	\$174.00
Intel Core i5-24050S @ 2.50GHz	4928	786	NA	NA
AMD Athlon 200GE	4931	785	NA	NA
AMD A8-7650K	4933	784	66.68	\$73.99
Intel Core i3-4570T @ 2.90GHz	4934	783	NA	NA
Intel Core i7-5557U @ 3.10GHz	4943	782	7.01	\$705.00*
Intel Core i5-4460T @ 1.90GHz	4951	781	NA	NA
Intel Core i7-6650U @ 2.20GHz	4953	780	NA	NA
Intel Core i3-4350 @ 3.60GHz	4963	778	29.37	\$168.99
Intel Core i5-2400S @ 2.50GHz	4963	779	75.55	\$65.70
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Phenom II X6 1055T	4964	777	26.84	\$185.00*
Intel Core i7-870S @ 2.67GHz	4969	776	NA	NA
Intel Core i7-4610M @ 3.00GHz	4981	775	NA	NA
AMD A10-6800B APU	4991	774	NA	NA
AMD A10-7800 APU	4994	773	48.31	\$103.39
Intel Core i5-6267U @ 2.90GHz	4999	772	NA	NA
AMD FX-4320	5009	771	NA	NA
Intel Core i7-860 @ 2.80GHz	5009	770	17.28	\$289.95
AMD A8-9600	5010	769	77.09	\$64.99
Intel Xeon E5-4603 @ 2.00GHz	5014	768	2.65	\$1,890.99*
AMD PRO A8-8670E	5015	767	NA	NA
Intel Core i3-7101TE @ 3.40GHz	5016	766	42.88	\$117.00*
AMD Opteron 4365 EE	5025	765	NA	NA
AMD Athlon X4 840	5037	764	63.98	\$78.74*
AMD Phenom II X6 1405T	5042	763	NA	NA
Intel Core i3-8130U @ 2.20GHz	5044	762	17.95	\$281.00*
AMD PRO A10-8770E	5045	761	NA	NA
Intel Pentium Gold G5400T @ 3.10GHz	5048	760	78.89	\$64.00*
Intel Core i3-7100T @ 3.40GHz	5049	759	56.73	\$89.00*
AMD Ryzen Embedded V1202B	5051	758	NA	NA
Intel Core i3-4160 @ 3.60GHz	5056	757	36.12	\$139.99
Intel Xeon W3520 @ 2.67GHz	5059	756	175.98	\$28.75*
AMD Phenom II X6 1065T	5064	755	NA	NA
Intel Core i5-2405S @ 2.50GHz	5065	754	30.81	\$164.40*
AMD Embedded R-Series RX-418GD Radeon R6	5068	753	NA	NA
AMD A10-8750	5082	752	NA	NA
AMD A8-7670K	5083	751	25.42	\$199.99
AMD A10-7860K	5084	750	12.77	\$398.00*
Intel Xeon E5630 @ 2.53GHz	5088	749	108.09	\$47.07
AMD A8-7600 APU	5089	748	39.15	\$129.99
Intel Pentium G4600 @ 3.60GHz	5093	747	62.89	\$80.99
Intel Core i3-4330 @ 3.50GHz	5096	746	28.32	\$179.99
Intel Core i5-7267U @ 3.10GHz	5098	745	NA	NA
AMD A12-9800E	5104	744	44.59	\$114.49
AMD FX-870K Quad Core	5105	743	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD A10 PRO-7800B APU	5108	742	NA	NA
Intel Xeon X3460 @ 2.80GHz	5117	741	14.33	\$357.00*
Intel Xeon X3470 @ 2.93GHz	5123	740	10.05	\$509.95*
AMD A10-7700K APU	5128	739	49.60	\$103.39
Intel Core i7-930 @ 2.80GHz	5143	738	85.74	\$59.99*
Intel Xeon E5-2609 v2 @ 2.50GHz	5149	737	10.10	\$509.95*
Intel Core i7-7500U @ 2.70GHz	5170	736	NA	NA
Intel Core i7-7600U @ 2.80GHz	5170	735	NA	NA
Intel Xeon E5-2603 v3 @ 1.60GHz	5172	734	14.48	\$357.33
AMD PRO A12-8870E	5186	733	NA	NA
Intel Core i3-4170 @ 3.70GHz	5189	731	34.60	\$149.99
Intel Pentium Gold G5400 @ 3.70GHz	5189	732	25.66	\$202.22
Intel Core i5-7300U @ 2.60GHz	5192	730	11.29	\$459.99
Intel Xeon E5-2418L @ 2.00GHz	5202	729	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Pentium G4620 @ 3.70GHz	5205	728	47.00	\$110.75
AMD Athlon PRO 200GE	5228	727	NA	NA
Intel Core i3-4340 @ 3.60GHz	5240	726	31.01	\$168.99
Intel Pentium Gold G5500 @ 3.80GHz	5241	725	49.45	\$105.99
Intel Core i3-6300T @ 3.30GHz	5249	724	29.95	\$175.27
Intel Xeon E5640 @ 2.67GHz	5263	723	88.47	\$59.49*
AMD PRO A8-9600	5296	722	44.51	\$119.00*
AMD Athlon X4 870K	5307	721	66.35	\$79.99
AMD Athlon X4 950	5311	720	88.53	\$59.99
Intel Core i5-2500S @ 2.70GHz	5313	719	70.86	\$74.99*
AMD FX-4330	5321	718	NA	NA
Intel Xeon D-1518 @ 2.20GHz	5322	717	NA	NA
AMD FX-4350 Quad-Core	5335	716	41.05	\$129.99
AMD Phenom II X6 1075T	5341	714	47.27	\$112.99
Intel Core i7-870 @ 2.93GHz	5341	715	53.96	\$98.99
Intel Core i5-2300 @ 2.80GHz	5346	713	66.84	\$79.99
AMD Opteron 6164 HE	5351	712	NA	NA
Intel Core i7-940 @ 2.93GHz	5355	711	75.75	\$70.70
Intel Xeon W3530 @ 2.80GHz	5359	710	18.23	\$293.95*
Intel Core i7-2715QE @ 2.10GHz	5365	709	NA	NA
Intel Core i3-7300T @ 3.50GHz	5369	708	27.48	\$195.41*
AMD FX-6100 Six-Core	5379	707	17.70	\$304.00
AMD A10 PRO-7850B APU	5382	706	NA	NA
Intel Xeon X5560 @ 2.80GHz	5399	705	93.17	\$57.95*
AMD Opteron 3280	5403	704	19.78	\$273.18*
Intel Xeon X5550 @ 2.67GHz	5404	703	312.95	\$17.27*
Intel Core i3-6098P @ 3.60GHz	5415	702	40.49	\$133.74*
AMD Opteron 4386	5419	701	38.71	\$139.99
AMD PRO A8-8650B	5426	700	NA	NA
AMD Athlon X4 845	5427	699	108.58	\$49.99
Intel Core i7-875K @ 2.93GHz	5429	698	27.15	\$199.99
AMD A10-9700	5431	697	67.90	\$79.99
AMD Athlon X4 860K	5432	696	92.10	\$58.99
AMD Opteron 6176 SE	5446	695	34.26	\$159.00
Intel Xeon E5-2603 v4 @ 1.70GHz	5451	694	23.70	\$229.99*
Intel Core i7-2635QM @ 2.00GHz	5456	693	NA	NA
Intel Core i3-4360 @ 3.70GHz	5460	692	19.51	\$279.95*
AMD A8-8650	5470	691	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon W3540 @ 2.93GHz	5472	690	274.73	\$19.92*
AMD A10-7870K	5475	689	21.90	\$249.99
AMD A10-7850K APU	5477	688	42.14	\$129.99
Intel Core i3-6100 @ 3.70GHz	5490	687	32.59	\$168.48
AMD A12-9800	5522	686	42.48	\$129.99
AMD Athlon X4 880K	5526	685	55.27	\$99.99
Intel Core i7-2630QM @ 2.00GHz	5529	684	51.09	\$108.24*
Intel Core i7-2675QM @ 2.20GHz	5533	683	NA	NA
Intel Core i5-2310 @ 2.90GHz	5536	682	69.23	\$79.98
Intel Xeon E5-1603 @ 2.80GHz	5548	681	33.63	\$164.99*
Intel Core i7-950 @ 3.07GHz	5555	680	16.84	\$329.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon L5638 @ 2.00GHz	5556	679	79.49	\$69.90*
AMD Phenom II X6 1090T	5585	678	14.10	\$396.08*
Intel Core i7-880 @ 3.07GHz	5595	677	9.60	\$583.00*
AMD A10-8850	5598	676	NA	NA
Intel Core i5-6400T @ 2.20GHz	5598	675	28.71	\$195.00
Intel Core i3-4370 @ 3.80GHz	5599	674	12.44	\$449.97
Intel Core i5-4590T @ 2.00GHz	5602	673	NA	NA
AMD Opteron 4332 HE	5614	672	NA	NA
AMD PRO A10-8750B	5646	671	NA	NA
Intel Core i7-6567U @ 3.30GHz	5648	670	NA	NA
Intel Core i5-7287U @ 3.30GHz	5656	669	NA	NA
Intel Xeon X3480 @ 3.07GHz	5657	668	NA	NA
Intel Xeon Bronze 3104 @ 1.70GHz	5664	667	24.11	\$234.89
Intel Core i5-3330S @ 2.70GHz	5672	666	59.71	\$94.99
AMD PRO A10-9700	5677	665	33.59	\$169.00*
Intel Core i5-7260U @ 2.20GHz	5679	664	NA	NA
Intel Xeon X5570 @ 2.93GHz	5679	663	63.81	\$89.00*
Intel Core i5-2380P @ 3.10GHz	5695	662	63.29	\$89.99
Intel Pentium Gold G5600 @ 3.90GHz	5696	660	36.49	\$156.09
Intel Xeon W3550 @ 3.07GHz	5696	661	95.02	\$59.95*
AMD PRO A10-8770	5707	659	NA	NA
Intel Core i3-8145U @ 2.10GHz	5707	658	20.31	\$281.00*
AMD Phenom II X6 1100T	5729	657	32.28	\$177.49
AMD A10-7890K	5732	656	28.67	\$199.99
AMD FX-6120 Six-Core	5734	655	NA	NA
Intel Xeon D-1520 @ 2.20GHz	5755	654	NA	NA
Intel Core i5-2320 @ 3.00GHz	5758	653	35.99	\$160.00
Intel Core i7-2710QE @ 2.10GHz	5768	652	NA	NA
AMD Opteron 6212	5776	651	192.62	\$29.99
Intel Core i5-6440EQ @ 2.70GHz	5778	650	NA	NA
Intel Core i3-7100 @ 3.90GHz	5781	649	41.23	\$140.23
Intel Core i5-3335S @ 2.70GHz	5788	648	NA	NA
Intel Core i7-960 @ 3.20GHz	5814	647	58.15	\$99.99
Intel Xeon W5580 @ 3.20GHz	5836	646	54.53	\$107.03
Intel Core i5-3340S @ 2.80GHz	5846	645	39.24	\$148.99
Intel Core i3-6300 @ 3.80GHz	5849	644	40.91	\$142.99
AMD PRO A10-8850B	5852	643	NA	NA
Intel Core i7-965 @ 3.20GHz	5856	642	41.83	\$139.99
Intel Xeon E5-1607 @ 3.00GHz	5857	641	266.39	\$21.99*
Intel Core i7-7560U @ 2.40GHz	5861	640	NA	NA
Intel Core i7-2670QM @ 2.20GHz	5886	639	22.73	\$259.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-3570T @ 2.30GHz	5901	638	NA	NA
Intel Core i5-4430S @ 2.70GHz	5906	637	37.15	\$158.99
Intel Xeon E3-1225 @ 3.10GHz	5909	636	33.77	\$175.00
Intel Core i5-3330 @ 3.00GHz	5936	635	19.15	\$309.99
Intel Xeon E5-2609 v3 @ 1.90GHz	5940	634	9.60	\$619.04
Intel Xeon W3565 @ 3.20GHz	5943	633	84.97	\$69.95*
Intel Core i5-7360U @ 2.30GHz	5957	632	NA	NA
Intel Core i5-2400 @ 3.10GHz	5959	631	79.47	\$74.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Opteron 3365	5963	630	NA	NA
AMD Opteron 6234	5979	629	85.44	\$69.99*
Intel Xeon X5647 @ 2.93GHz	5980	628	29.94	\$199.75*
AMD FX-8100 Eight-Core	6018	627	42.39	\$142.00*
AMD FX-8140 Eight-Core	6033	625	NA	NA
Intel Core i7-7660U @ 2.50GHz	6033	626	NA	NA
Intel Xeon E3-1265L @ 2.40GHz	6038	624	6.58	\$918.35*
Intel Core i3-6320 @ 3.90GHz	6047	623	37.80	\$159.99
AMD PRO A12-8870	6067	622	NA	NA
Intel Core i5-6300HQ @ 2.30GHz	6079	621	NA	NA
Intel Xeon W3570 @ 3.20GHz	6084	620	12.68	\$479.95*
Intel Core i5-3340 @ 3.10GHz	6089	619	23.24	\$262.01
Intel Xeon E3-1220 @ 3.10GHz	6097	618	32.09	\$190.00
AMD Opteron 4334	6099	617	28.18	\$216.42*
Intel Core i7-2720QM @ 2.20GHz	6113	616	32.18	\$189.95*
AMD FX-6200 Six-Core	6129	615	18.03	\$339.95
Intel Core i7-975 @ 3.33GHz	6132	614	9.35	\$656.01
Intel Core i5-2450P @ 3.20GHz	6144	613	68.28	\$89.99
Intel Core i5-3350P @ 3.10GHz	6144	612	40.97	\$149.99
Intel Xeon E5-1603 v3 @ 2.80GHz	6167	611	NA	NA
AMD Opteron 6174	6171	610	62.34	\$99.00
AMD Ryzen 3 2300U	6174	609	NA	NA
Intel Xeon W5590 @ 3.33GHz	6183	608	2.46	\$2,508.95*
Intel Core i3-8109U @ 3.00GHz	6184	607	NA	NA
AMD PRO A12-9800	6199	605	36.68	\$169.00*
Intel Xeon E5-1607 v2 @ 3.00GHz	6199	606	19.81	\$313.00*
Intel Core i5-4670T @ 2.30GHz	6206	604	29.14	\$213.00*
Intel Core i5-3450S @ 2.80GHz	6212	603	62.13	\$99.99
AMD FX-6130 Six-Core	6215	602	NA	NA
Intel Core i5-4440S @ 2.80GHz	6217	601	13.43	\$462.97*
Intel Core i5-6500T @ 2.50GHz	6273	600	NA	NA
Intel Core i5-4430 @ 3.00GHz	6320	599	36.39	\$173.70
Intel Core i5-2500 @ 3.30GHz	6328	598	71.11	\$88.99
Intel Core i5-3470S @ 2.90GHz	6361	597	44.80	\$142.00
AMD FX-6300 Six-Core	6384	595	116.11	\$54.99
AMD Opteron 3380	6384	596	7.89	\$809.00*
Intel Core i5-4460S @ 2.90GHz	6402	594	9.70	\$659.99*
Intel Xeon L5640 @ 2.27GHz	6405	593	148.99	\$42.99
Intel Xeon X5672 @ 3.20GHz	6419	592	22.63	\$283.72*
Intel Xeon E5-1603 v4 @ 2.80GHz	6420	591	NA	NA
Intel Core i5-7400T @ 2.40GHz	6427	589	35.91	\$179.00
Intel Core i7-6822EQ @ 2.00GHz	6427	590	NA	NA
AMD Opteron 4280	6430	588	128.63	\$49.99
Intel Xeon W3580 @ 3.33GHz	6433	587	29.99	\$214.50*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i3-7300 @ 4.00GHz	6436	586	35.40	\$181.82
Intel Core i7-3610QE @ 2.30GHz	6451	585	NA	NA
Intel Xeon E3-1235L v5 @ 2.00GHz	6470	584	NA	NA
Intel Core i5-2500K @ 3.30GHz	6476	583	52.23	\$123.99
Intel Core i5-4690T @ 2.50GHz	6478	582	NA	NA
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	6478	581	30.85	\$209.99
Intel Xeon E5645 @ 2.40GHz	6484	580	24.95	\$259.95
Intel Core i5-4440 @ 3.10GHz	6498	579	38.23	\$169.99
Intel Core i7-7567U @ 3.50GHz	6502	578	NA	NA
Intel Core i5-3450 @ 3.10GHz	6524	577	51.38	\$126.99
Intel Xeon E3-1260L @ 2.40GHz	6534	576	76.32	\$85.62
Intel Core i3-7320 @ 4.10GHz	6541	575	34.06	\$192.05
Intel Core i7-2760QM @ 2.40GHz	6578	574	47.00	\$139.95
AMD FX-8120 Eight-Core	6597	573	65.98	\$99.99
Intel Core i5-3475S @ 2.90GHz	6612	572	46.08	\$143.50*
Intel Core i7-3612QE @ 2.10GHz	6622	571	NA	NA
Intel Core i3-7350K @ 4.20GHz	6623	570	34.47	\$192.12
Intel Xeon E5-2430L v2 @ 2.40GHz	6627	569	NA	NA
Intel Core i7-2820QM @ 2.30GHz	6634	568	18.64	\$355.95*
Intel Core i7-985 @ 3.47GHz	6641	567	NA	NA
AMD Opteron 4284	6660	566	111.03	\$59.99
Intel Core i5-2550K @ 3.40GHz	6664	565	51.67	\$128.99
Intel Core i7-3635QM @ 2.40GHz	6671	564	NA	NA
Intel Xeon E3-1220 V2 @ 3.10GHz	6671	563	20.27	\$329.11*
Intel Core i5-3470 @ 3.20GHz	6698	562	63.61	\$105.32
Intel Core i5-4460 @ 3.20GHz	6710	561	39.48	\$169.99
Intel Core i7-4770TE @ 2.30GHz	6732	560	NA	NA
AMD Opteron 6272	6748	559	10.24	\$658.89
AMD Ryzen 3 1200	6749	558	70.91	\$95.19
Intel Core i5-3570S @ 3.10GHz	6750	557	23.69	\$285.00*
Intel Core i5-4570R @ 2.70GHz	6753	556	NA	NA
Intel Core i5-6400 @ 2.70GHz	6765	555	33.83	\$199.99
Intel Core i7-2840QM @ 2.40GHz	6766	554	NA	NA
Intel Core i5-6440HQ @ 2.60GHz	6784	553	NA	NA
AMD Opteron 6220	6785	552	113.11	\$59.99
Intel Core i5-4570S @ 2.90GHz	6789	551	31.73	\$213.99
Intel Core i5-7300HQ @ 2.50GHz	6804	550	NA	NA
Intel Core i7-3612QM @ 2.10GHz	6824	549	NA	NA
Intel Xeon L5639 @ 2.13GHz	6835	548	NA	NA
Intel Xeon E3-1225 V2 @ 3.20GHz	6873	547	23.07	\$298.00
Intel Xeon E5-2430 @ 2.20GHz	6878	546	9.44	\$728.95
Intel Core i5-3550S @ 3.00GHz	6910	545	20.27	\$341.01*
Intel Xeon E5-2609 v4 @ 1.70GHz	6915	544	19.23	\$359.73*
AMD FX-6330 Six-Core	6916	543	NA	NA
Intel Xeon E5649 @ 2.53GHz	6936	542	60.31	\$115.00*
Intel Core i7-3632QM @ 2.20GHz	6941	541	20.72	\$335.00*
Intel Core i5-3550 @ 3.30GHz	6945	540	21.05	\$329.95*
Intel Xeon E5-1607 v3 @ 3.10GHz	6947	539	NA	NA
Intel Xeon D-1521 @ 2.40GHz	6980	538	NA	NA
Intel Xeon X5677 @ 3.47GHz	6982	537	66.50	\$105.00*
Intel Core i7-2860QM @ 2.50GHz	6991	536	11.65	\$599.99*
AMD FX-6350 Six-Core	6998	535	53.84	\$129.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-4590S @ 3.00GHz	7024	534	35.84	\$195.99
Intel Xeon W-2102 @ 2.90GHz	7030	533	20.80	\$337.99*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-7500T @ 2.70GHz	7037	532	31.60	\$222.71
Intel Core i7-2920XM @ 2.50GHz	7038	531	11.56	\$608.95*
Intel Xeon E5-2420 @ 1.90GHz	7045	530	18.06	\$390.02
AMD Ryzen 3 PRO 1200	7069	529	NA	NA
Intel Core i7-2600S @ 2.80GHz	7074	528	35.55	\$198.99
Intel Xeon X5687 @ 3.60GHz	7081	527	129.97	\$54.49
Intel Xeon E3-1505L v5 @ 2.00GHz	7082	526	NA	NA
Intel Core i5-6402P @ 2.80GHz	7091	525	37.32	\$189.99*
Intel Xeon E3-1220 v3 @ 3.10GHz	7104	524	27.76	\$255.94
Intel Core i5-3570 @ 3.40GHz	7109	523	50.79	\$139.99
AMD Ryzen 3 2200GE	7124	522	NA	NA
Intel Core i5-4570 @ 3.20GHz	7125	521	54.82	\$129.99
Intel Core i7-4702MQ @ 2.20GHz	7134	520	21.22	\$336.25*
Intel Core i5-3570K @ 3.40GHz	7171	519	50.15	\$142.99
Intel Core i7-4700EQ @ 2.40GHz	7180	518	NA	NA
AMD Ryzen Embedded V1807B	7185	517	NA	NA
AMD Ryzen 3 PRO 2300U	7188	516	NA	NA
Intel Core i7-4712MQ @ 2.30GHz	7198	515	NA	NA
Intel Xeon E3-1225 v3 @ 3.20GHz	7213	514	15.74	\$458.34*
Intel Core i7-2960XM @ 2.70GHz	7220	513	17.61	\$409.95
Intel Xeon E3-1230L v3 @ 1.80GHz	7231	512	25.12	\$287.90*
Intel Core i5-6500 @ 3.20GHz	7240	511	30.89	\$234.38
Intel Xeon E5-1607 v4 @ 3.10GHz	7249	510	NA	NA
Intel Xeon E5-2430L @ 2.00GHz	7269	509	69.90	\$103.99*
Intel Core i5-4590 @ 3.30GHz	7305	508	66.06	\$110.59
Intel Core i5-4670S @ 3.10GHz	7308	507	34.31	\$213.00*
Intel Core i5-6600T @ 2.70GHz	7310	506	41.78	\$174.99
Intel Core i7-4765T @ 2.00GHz	7312	505	18.28	\$399.99
Intel Xeon E5-1410 @ 2.80GHz	7312	504	NA	NA
AMD Ryzen 5 2500U	7326	503	NA	NA
AMD Ryzen 3 2200G	7327	502	82.34	\$89.00
Intel Core i7-3615QE @ 2.30GHz	7340	501	NA	NA
Intel Core i5-7400 @ 3.00GHz	7353	500	37.06	\$198.40
Intel Core i7-3615QM @ 2.30GHz	7379	499	NA	NA
Intel Xeon X5650 @ 2.67GHz	7409	498	247.05	\$29.99
Intel Core i5-4670K CPT @ 3.40GHz	7411	497	NA	NA
Intel Core i5-4670R @ 3.00GHz	7419	496	26.88	\$276.00*
AMD Ryzen 7 2700U	7422	495	NA	NA
Intel Xeon E5-1410 v2 @ 2.80GHz	7430	494	NA	NA
Intel Core i5-5575R @ 2.80GHz	7434	493	NA	NA
Intel Core i5-4690S @ 3.20GHz	7435	492	27.54	\$269.94*
Intel Core i5-4670 @ 3.40GHz	7444	491	43.53	\$171.00
AMD Ryzen 3 1300X	7464	490	54.17	\$137.79
Intel Core i7-3610QM @ 2.30GHz	7466	489	18.67	\$399.99*
Intel Core i3-8100T @ 3.10GHz	7475	488	57.95	\$129.00
Intel Core i7-4702HQ @ 2.20GHz	7486	487	NA	NA
AMD Opteron 6366 HE	7503	486	37.52	\$199.99
Intel Core i7-4712HQ @ 2.30GHz	7507	485	NA	NA
Intel Xeon E3-1240L v3 @ 2.00GHz	7510	484	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1226 v3 @ 3.30GHz	7530	483	11.80	\$638.00
AMD FX-8320E Eight-Core	7542	482	78.04	\$96.65
Intel Core i7-3630QM @ 2.40GHz	7585	481	31.74	\$239.00*
Intel Core i7-4785T @ 2.20GHz	7611	480	NA	NA
Intel Xeon X5660 @ 2.80GHz	7618	479	76.54	\$99.54
AMD FX-8150 Eight-Core	7628	478	19.89	\$383.50*
Intel Core i5-4670K @ 3.40GHz	7632	477	30.53	\$249.99
Intel Core i3-8300T @ 3.20GHz	7650	476	45.82	\$166.99
Intel Core i5-4690 @ 3.50GHz	7661	475	42.56	\$179.99
AMD Ryzen Embedded V1605B	7667	474	NA	NA
AMD Opteron 6238	7673	472	127.92	\$59.99
Intel Core i5-8250U @ 1.60GHz	7673	473	NA	NA
Intel Xeon E3-1235 @ 3.20GHz	7680	471	31.48	\$244.00*
Intel Core i7-4700MQ @ 2.40GHz	7689	470	40.69	\$189.00*
Intel Core i5-7440HQ @ 2.80GHz	7701	469	NA	NA
AMD FX-8300 Eight-Core	7719	468	93.85	\$82.25
Intel Core i7-4700HQ @ 2.40GHz	7728	467	20.18	\$383.00*
Intel Xeon D-1537 @ 1.70GHz	7731	466	13.54	\$571.00*
Intel Core i7-4710HQ @ 2.50GHz	7734	465	NA	NA
Intel Xeon E3-1220 v5 @ 3.00GHz	7740	464	30.20	\$256.35
AMD FX-8310 Eight-Core	7758	463	NA	NA
Intel Core i5-6600 @ 3.30GHz	7763	462	35.29	\$219.99
Intel Xeon W-2104 @ 3.20GHz	7782	461	30.52	\$255.00*
Intel Xeon E3-1265L V2 @ 2.50GHz	7785	460	54.67	\$142.42*
Intel Xeon E3-1240L v5 @ 2.10GHz	7793	459	28.03	\$278.00*
Intel Core i5-4690K @ 3.50GHz	7796	458	38.99	\$199.99
AMD FX-8370E Eight-Core	7801	457	30.12	\$259.00
AMD Opteron 6328	7813	456	21.76	\$359.00
Intel Xeon E-2104G @ 3.20GHz	7825	455	40.54	\$193.00*
Intel Xeon E3-1225 v5 @ 3.30GHz	7841	454	29.25	\$268.04*
Intel Xeon E3-1230 @ 3.20GHz	7848	453	41.52	\$189.00
Intel Xeon E3-1268L v3 @ 2.30GHz	7850	452	NA	NA
Intel Xeon E5-2608L v3 @ 2.00GHz	7857	451	17.82	\$441.00*
Intel Xeon E5-2630L @ 2.00GHz	7865	450	NA	NA
Intel Core i7-4860EQ @ 1.80GHz	7875	449	NA	NA
Intel Xeon E5-2620 @ 2.00GHz	7919	448	234.86	\$33.72
Intel Xeon X5670 @ 2.93GHz	7928	447	134.38	\$59.00
AMD Ryzen 5 2400GE	7932	446	NA	NA
Intel Xeon D-1528 @ 1.90GHz	7946	445	NA	NA
Intel Xeon E3-1240 @ 3.30GHz	7958	444	32.62	\$244.00
AMD Ryzen 3 PRO 2200GE	7975	443	NA	NA
Intel Xeon E3-1220 v6 @ 3.00GHz	7976	442	37.10	\$214.99
Intel Core i7-4710MQ @ 2.50GHz	7998	441	29.45	\$271.57*
AMD Ryzen 3 PRO 1300	7999	440	NA	NA
Intel Core i7-4720HQ @ 2.60GHz	8001	439	NA	NA
AMD FX-8320 Eight-Core	8019	438	85.59	\$93.69
Intel Xeon E3-1245 @ 3.30GHz	8019	437	30.84	\$260.00
Intel Core i5-7500 @ 3.40GHz	8020	436	35.88	\$223.56
Intel Core i7-4722HQ @ 2.40GHz	8052	435	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i5-5675R @ 3.10GHz	8054	434	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon D-1559 @ 1.50GHz	8055	433	NA	NA
Intel Core i5-6600K @ 3.50GHz	8057	432	27.98	\$287.99
Intel Core i3-8100 @ 3.60GHz	8072	431	64.64	\$124.89
Intel Core i5-7600T @ 2.80GHz	8097	430	31.00	\$261.25
AMD Ryzen 3 PRO 2200G	8106	429	NA	NA
Intel Core i7-3720QM @ 2.60GHz	8125	428	22.63	\$359.00*
Intel Xeon E5-4620 @ 2.20GHz	8127	427	43.00	\$189.00*
Intel Core i7-6700HQ @ 2.60GHz	8133	426	21.52	\$378.00*
Intel Xeon D-2123IT @ 2.20GHz	8140	425	38.22	\$213.00*
Intel Xeon W3670 @ 3.20GHz	8152	424	14.43	\$565.00*
Intel Core i7-5675C @ 3.10GHz	8164	423	NA	NA
Intel Core i7-2600 @ 3.40GHz	8194	422	55.00	\$148.99
Intel Core i5-5675C @ 3.10GHz	8199	421	20.50	\$399.99
Intel Core i7-3770T @ 2.50GHz	8203	420	24.86	\$329.99*
Intel Xeon E5-2623 v4 @ 2.60GHz	8208	419	14.95	\$549.00*
Intel Core i5-8265U @ 1.60GHz	8226	418	27.70	\$297.00*
Intel Xeon E3-1270 @ 3.40GHz	8238	417	25.99	\$317.00*
Intel Core i7-5700EQ @ 2.60GHz	8239	416	NA	NA
Intel Core i7-4750HQ @ 2.00GHz	8249	415	NA	NA
Intel Core i5-8350U @ 1.70GHz	8254	414	27.79	\$297.00*
Intel Xeon E5-2450L @ 1.80GHz	8261	413	63.55	\$130.00*
Intel Xeon E3-1225 v6 @ 3.30GHz	8294	412	35.30	\$234.99
Intel Xeon X5675 @ 3.07GHz	8303	411	103.80	\$79.99
Intel Core i7-8550U @ 1.80GHz	8326	410	NA	NA
Intel Core i7-3740QM @ 2.70GHz	8331	409	34.72	\$239.95
Intel Xeon E3-1275 @ 3.40GHz	8348	408	27.46	\$304.00
Intel Core i7-5700HQ @ 2.70GHz	8367	407	NA	NA
AMD Ryzen 5 1400	8374	406	62.04	\$134.99
Intel Core i7-970 @ 3.20GHz	8375	405	55.85	\$149.98
Intel Xeon E5-2643 @ 3.30GHz	8423	404	11.07	\$760.99
Intel Core i7-3820QM @ 2.70GHz	8443	403	17.34	\$486.99*
Intel Core i7-2600K @ 3.40GHz	8444	402	44.45	\$189.99
Intel Xeon E3-1280 @ 3.50GHz	8473	401	23.03	\$368.00
Intel Core i7-4800MQ @ 2.70GHz	8495	400	16.66	\$509.95*
Intel Xeon X5680 @ 3.33GHz	8550	399	49.37	\$173.18
Intel Core i7-4760HQ @ 2.10GHz	8595	398	NA	NA
Intel Xeon Silver 4112 @ 2.60GHz	8607	397	16.26	\$529.21*
Intel Core i7-4770T @ 2.50GHz	8624	396	21.56	\$399.99
Intel Xeon E5-2420 v2 @ 2.20GHz	8629	395	30.93	\$279.00
Intel Core i7-4810MQ @ 2.80GHz	8650	394	20.36	\$424.95*
Intel Core i3-8300 @ 3.70GHz	8663	393	46.51	\$186.27*
Intel Core i7-980 @ 3.33GHz	8665	392	43.33	\$199.98
Intel Xeon E5-2650L @ 1.80GHz	8676	391	54.26	\$159.90*
Intel Xeon E5-4617 @ 2.90GHz	8684	390	96.60	\$89.90*
Intel Xeon E3-1268L v5 @ 2.40GHz	8695	389	23.06	\$377.00*
Intel Core i7-6700TE @ 2.40GHz	8696	388	NA	NA
Intel Xeon E3-1290 @ 3.60GHz	8699	387	9.83	\$885.00*
Intel Xeon E5-2620 v2 @ 2.10GHz	8702	386	45.80	\$190.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-2700K @ 3.50GHz	8715	385	43.58	\$199.99
Intel Core i5-7600 @ 3.50GHz	8773	384	37.11	\$236.45
Intel Core i7-6820HQ @ 2.70GHz	8781	383	NA	NA
Intel Core i7-3840QM @ 2.80GHz	8782	382	26.22	\$335.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-980X @ 3.33GHz	8782	381	39.92	\$219.98
Intel Xeon E5-2430 v2 @ 2.50GHz	8833	380	88.34	\$100.00
Intel Core i7-7700HQ @ 2.80GHz	8840	379	NA	NA
Intel Xeon X5679 @ 3.20GHz	8845	378	NA	NA
Intel Core i7-8650U @ 1.90GHz	8847	377	NA	NA
Intel Xeon E3-1230 V2 @ 3.30GHz	8855	376	21.65	\$408.95
AMD Ryzen 5 PRO 2500U	8865	375	NA	NA
Intel Xeon E3-1275L v3 @ 2.70GHz	8874	374	NA	NA
Intel Xeon E5-2630 @ 2.30GHz	8877	373	75.20	\$118.05
Intel Core i7-3770S @ 3.10GHz	8893	372	80.86	\$109.99
Intel Xeon E3-1505M v5 @ 2.80GHz	8923	371	NA	NA
Intel Xeon X5690 @ 3.47GHz	8932	370	59.95	\$149.00
Intel Xeon E5-2623 v3 @ 3.00GHz	8937	369	22.07	\$404.99*
Intel Core i7-8565U @ 1.80GHz	8944	368	NA	NA
AMD FX-8350 Eight-Core	8948	366	127.85	\$69.99
Intel Core i7-4770HQ @ 2.20GHz	8948	367	NA	NA
Intel Xeon E5-2448L v2 @ 1.80GHz	8954	365	6.29	\$1,424.00*
Intel Core i7-6820EQ @ 2.80GHz	8968	364	NA	NA
AMD Ryzen 7 PRO 2700U	8996	363	NA	NA
Intel Core i7-3820 @ 3.60GHz	8998	362	44.99	\$199.99
Intel Xeon E5-2630L v2 @ 2.40GHz	9006	361	NA	NA
AMD Opteron 6276	9011	360	112.66	\$79.99
Intel Core i7-4850HQ @ 2.30GHz	9016	359	20.78	\$434.00*
AMD FX-8370 Eight-Core	9021	358	71.88	\$125.51
Intel Core i7-4900MQ @ 2.80GHz	9033	357	15.40	\$586.67*
Intel Core i7-6700T @ 2.80GHz	9037	356	25.46	\$355.00*
Intel Xeon E5-1620 @ 3.60GHz	9055	355	27.45	\$329.93*
Intel Xeon E3-1265L v4 @ 2.30GHz	9060	354	NA	NA
Intel Xeon W3680 @ 3.33GHz	9081	353	11.95	\$759.95*
Intel Core i7-990X @ 3.47GHz	9086	352	25.96	\$349.99
Intel Core i7-4790T @ 2.70GHz	9094	351	25.33	\$359.00*
AMD Opteron 6282 SE	9116	350	70.13	\$129.99
Intel Core i7-6820HK @ 2.70GHz	9118	348	NA	NA
Intel Xeon E3-1245 V2 @ 3.40GHz	9118	349	15.01	\$607.59
Intel Core i5-7600K @ 3.80GHz	9129	347	33.44	\$272.99
Intel Xeon E3-1240 V2 @ 3.40GHz	9138	346	16.93	\$539.95
Intel Core i7-3920XM @ 2.90GHz	9149	345	8.35	\$1,096.00*
Intel Core i5-8305G @ 2.80GHz	9152	344	NA	NA
Intel Xeon W3690 @ 3.47GHz	9160	343	9.16	\$1,000.00*
Intel Xeon E5-2440 @ 2.40GHz	9178	342	199.58	\$45.99
Intel Core i7-7700T @ 2.90GHz	9194	341	25.54	\$359.99
Intel Xeon E3-1265L v3 @ 2.50GHz	9223	340	12.99	\$709.95
Intel Core i3-8350K @ 4.00GHz	9248	339	47.21	\$195.90
Intel Core i7-4860HQ @ 2.40GHz	9265	338	NA	NA
Intel Core i7-3770 @ 3.40GHz	9289	337	58.07	\$159.99
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 2400G	9291	336	58.44	\$158.99
Intel Core i7-3940XM @ 3.00GHz	9309	335	17.27	\$539.00*
Intel Xeon E3-1535M v5 @ 2.90GHz	9319	334	NA	NA
Intel Xeon E3-1230 v3 @ 3.30GHz	9321	333	35.62	\$261.66*
Intel Core i7-7820HQ @ 2.90GHz	9335	332	24.70	\$378.00*
Intel Core i7-4770S @ 3.10GHz	9336	331	37.35	\$249.99
Intel Core i7-4870HQ @ 2.50GHz	9362	330	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 2400GE	9376	329	NA	NA
Intel Core i7-4910MQ @ 2.90GHz	9397	328	20.43	\$459.95*
Intel Xeon E5-2628L v2 @ 1.90GHz	9405	327	NA	NA
AMD Opteron 6376	9414	326	144.84	\$65.00
Intel Xeon E5-2440 v2 @ 1.90GHz	9425	325	18.48	\$509.95*
Intel Xeon E5-2637 v2 @ 3.50GHz	9431	324	38.38	\$245.75
Intel Xeon E3-1275 V2 @ 3.50GHz	9445	323	23.93	\$394.72
Intel Core i5-8300H @ 2.30GHz	9455	322	37.82	\$250.00*
Intel Core i7-5850HQ @ 2.70GHz	9459	321	21.80	\$434.00*
Intel Xeon E5-1620 v2 @ 3.70GHz	9459	320	28.75	\$329.00*
AMD FX-9370 Eight-Core	9465	319	52.91	\$178.89
Intel Xeon E3-1280 V2 @ 3.60GHz	9470	318	11.02	\$859.00
Intel Xeon E3-1270 V2 @ 3.50GHz	9473	317	33.57	\$282.22
Intel Xeon E5-2630L v3 @ 1.80GHz	9476	316	12.60	\$751.92*
Intel Xeon E5-2658 @ 2.10GHz	9484	315	6.49	\$1,462.00*
Intel Core i7-4930MX @ 3.00GHz	9485	314	8.65	\$1,096.00*
Intel Xeon E3-1286L v3 @ 3.20GHz	9495	313	12.27	\$774.00*
Intel Xeon E5-2640 @ 2.50GHz	9512	312	78.78	\$120.75*
Intel Core i7-3770K @ 3.50GHz	9518	311	38.23	\$248.98
Intel Core i7-8709G @ 3.10GHz	9536	310	NA	NA
Intel Core i7-4790S @ 3.20GHz	9572	309	23.99	\$398.99
Intel Xeon E3-1245 v3 @ 3.40GHz	9579	308	28.18	\$339.95*
Intel Core i5-7640X @ 4.00GHz	9605	307	34.22	\$280.68
Intel Core i7-6920HQ @ 2.90GHz	9620	306	16.94	\$568.00*
Intel Xeon E3-1231 v3 @ 3.40GHz	9630	305	37.26	\$258.44*
Intel Xeon E3-1230 v6 @ 3.50GHz	9644	304	37.09	\$259.99
Intel Core i5-8400T @ 1.70GHz	9659	303	44.11	\$219.00
Intel Xeon E3-1240 v3 @ 3.40GHz	9663	302	25.14	\$384.40*
Intel Xeon E3-1290 V2 @ 3.70GHz	9709	301	10.97	\$885.00*
Intel Core i7-6770HQ @ 2.60GHz	9719	300	9.70	\$1,001.88*
Intel Core i7-4820K @ 3.70GHz	9721	299	28.59	\$340.06
Intel Xeon D-1531 @ 2.20GHz	9730	298	27.96	\$348.00*
Intel Xeon E3-1280 v3 @ 3.60GHz	9747	297	13.98	\$697.36*
Intel Xeon E5-1620 v3 @ 3.50GHz	9758	296	27.20	\$358.70*
Intel Xeon E3-1230 v5 @ 3.40GHz	9778	295	23.74	\$411.99*
Intel Core i7-4770 @ 3.40GHz	9786	294	40.78	\$239.99
AMD Opteron 6287 SE	9789	293	NA	NA
Intel Core i7-995X @ 3.60GHz	9791	292	NA	NA
Intel Core i7-4960HQ @ 2.60GHz	9792	291	15.72	\$623.00*
Intel Core i7-5850EQ @ 2.70GHz	9817	290	22.57	\$435.00*
Intel Core i7-4770R @ 3.20GHz	9819	289	NA	NA
Intel Xeon E-2124G @ 3.40GHz	9845	288	46.22	\$213.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1246 v3 @ 3.50GHz	9855	287	11.87	\$830.00
Intel Xeon E3-1505M v6 @ 3.00GHz	9865	286	NA	NA
Intel Core i7-4771 @ 3.50GHz	9873	285	32.91	\$299.99
Intel Xeon E3-1270 v3 @ 3.50GHz	9898	284	26.75	\$369.99*
Intel Xeon E3-1286 v3 @ 3.70GHz	9899	283	11.80	\$839.00*
Intel Xeon E3-1275 v3 @ 3.50GHz	9901	282	24.69	\$400.99*
Intel Core i7-4940MX @ 3.10GHz	9905	281	16.24	\$609.95*
Intel Xeon E5-1620 v4 @ 3.50GHz	9948	280	32.52	\$305.95
Intel Xeon E3-1285L v3 @ 3.10GHz	9981	279	12.35	\$808.02
Intel Core i7-4790 @ 3.60GHz	9990	278	35.81	\$278.99

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-6700 @ 3.40GHz	10008	277	27.05	\$370.00
Intel Xeon E5-2640 v2 @ 2.00GHz	10009	276	103.90	\$96.34*
Intel Xeon E3-1241 v3 @ 3.50GHz	10014	275	12.92	\$775.00
Intel Xeon E5-2620 v3 @ 2.40GHz	10020	274	27.16	\$369.00
Intel Core i5-8500T @ 2.10GHz	10028	273	45.93	\$218.34*
Intel Core i7-7820HK @ 2.90GHz	10042	272	NA	NA
AMD Ryzen 5 PRO 2400G	10046	271	NA	NA
Intel Xeon E5-2470 @ 2.30GHz	10061	270	31.77	\$316.72*
Intel Core i7-7920HQ @ 3.10GHz	10067	269	NA	NA
AMD Opteron 6380	10081	267	112.03	\$89.99
AMD Ryzen 5 1500X	10081	268	67.74	\$148.83
Intel Xeon E3-1260L v5 @ 2.90GHz	10083	266	20.21	\$499.00*
Intel Core i7-8705G @ 3.10GHz	10090	265	NA	NA
Intel Core i7-4770K @ 3.50GHz	10091	264	35.41	\$284.99
Intel Xeon E3-1271 v3 @ 3.60GHz	10092	263	11.36	\$888.00*
Intel Xeon E3-1515M v5 @ 2.80GHz	10093	262	NA	NA
AMD Ryzen 5 PRO 1500	10118	261	NA	NA
Intel Xeon E5-2650 @ 2.00GHz	10129	260	87.89	\$115.25
Intel Xeon E5-2637 v3 @ 3.50GHz	10144	259	7.83	\$1,295.95*
Intel Xeon E3-1240 v6 @ 3.70GHz	10148	258	35.00	\$289.99
Intel Xeon E3-1276 v3 @ 3.60GHz	10170	257	7.99	\$1,273.00
Intel Xeon E3-1245 v5 @ 3.50GHz	10181	256	29.48	\$345.31*
Intel Xeon E5-2450 @ 2.10GHz	10186	255	14.10	\$722.22*
AMD FX-9590 Eight-Core	10192	253	104.01	\$98.00
Intel Core i5-8400H @ 2.50GHz	10192	254	40.77	\$250.00*
Intel Core i7-4980HQ @ 2.80GHz	10253	252	NA	NA
Intel Xeon E5-1630 v3 @ 3.70GHz	10277	251	17.19	\$597.85*
Intel Xeon E5-1630 v4 @ 3.70GHz	10302	250	NA	NA
Intel Xeon E3-1270 v5 @ 3.60GHz	10334	249	29.85	\$346.16
Intel Xeon E3-1281 v3 @ 3.70GHz	10349	248	11.79	\$877.75*
Intel Xeon E3-1275 v5 @ 3.60GHz	10357	247	18.33	\$565.00
Intel Xeon E3-1285 v3 @ 3.60GHz	10359	246	NA	NA
Intel Xeon E5-2667 @ 2.90GHz	10367	245	45.87	\$226.00*
Intel Xeon E5-2630 v2 @ 2.60GHz	10385	244	157.55	\$65.92
Intel Xeon E3-1240 v5 @ 3.50GHz	10400	243	30.44	\$341.67*
Intel Xeon E3-1545M v5 @ 2.90GHz	10451	242	NA	NA
Intel Xeon E5-2637 v4 @ 3.50GHz	10468	241	9.75	\$1,073.78*
Intel Core i7-8706G @ 3.10GHz	10510	240	NA	NA
Intel Xeon E5-4640 @ 2.40GHz	10523	239	3.85	\$2,730.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E3-1245 v6 @ 3.70GHz	10535	238	33.99	\$309.99
Intel Xeon D-1540 @ 2.00GHz	10573	237	NA	NA
Intel Xeon E3-1535M v6 @ 3.10GHz	10585	236	NA	NA
Intel Xeon E3-1285 v4 @ 3.50GHz	10641	235	NA	NA
Intel Xeon E3-1280 v5 @ 3.70GHz	10666	234	15.46	\$690.01*
Intel Xeon E3-1585L v5 @ 3.00GHz	10689	233	24.02	\$445.00*
Intel Xeon W-2123 @ 3.60GHz	10726	232	29.50	\$363.65*
Intel Xeon E3-1585 v5 @ 3.50GHz	10743	231	NA	NA
AMD Opteron 6386 SE	10748	229	71.66	\$149.99
Intel Core i7-7700 @ 3.60GHz	10748	230	35.59	\$302.00
Intel Xeon E3-1575M v5 @ 3.00GHz	10755	228	NA	NA
Intel Xeon Silver 4108 @ 1.80GHz	10769	227	23.54	\$457.51
Intel Xeon Silver 4109T @ 2.00GHz	10854	226	21.67	\$501.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-5775R @ 3.30GHz	10863	225	NA	NA
Intel Core i5-8600T @ 2.30GHz	10913	224	29.18	\$373.99*
Intel Core i7-5950HQ @ 2.90GHz	10932	223	NA	NA
Intel Core i5-8259U @ 2.30GHz	10951	222	NA	NA
Intel Core i7-5775C @ 3.30GHz	10992	221	24.43	\$449.99
Intel Xeon E5-2629 v3 @ 2.40GHz	11022	220	NA	NA
Intel Xeon E3-1285L v4 @ 3.40GHz	11048	219	NA	NA
Intel Xeon D-1541 @ 2.10GHz	11056	218	NA	NA
Intel Core i7-8809G @ 3.10GHz	11072	217	NA	NA
Intel Xeon E5-4648 v3 @ 1.70GHz	11097	216	NA	NA
Intel Xeon E5-2660 @ 2.20GHz	11098	215	108.81	\$102.00
Intel Xeon Gold 5122 @ 3.60GHz	11104	214	8.61	\$1,288.99
Intel Core i7-6700K @ 4.00GHz	11111	213	33.67	\$329.99
Intel Xeon E3-1275 v6 @ 3.80GHz	11113	212	30.20	\$367.97
Intel Xeon E3-1270 v6 @ 3.80GHz	11135	211	33.68	\$330.61
Intel Core i7-4790K @ 4.00GHz	11180	210	36.42	\$306.99
Intel Xeon E5-2651 v2 @ 1.80GHz	11275	209	NA	NA
AMD EPYC 7251 8-Core	11344	208	22.32	\$508.29
Intel Xeon E5-2620 v4 @ 2.10GHz	11364	207	25.83	\$439.98
Intel Xeon E3-1280 v6 @ 3.90GHz	11371	206	24.89	\$456.81
Intel Xeon E5-2648L v3 @ 1.80GHz	11392	205	8.31	\$1,370.94
Intel Xeon E5-2665 @ 2.40GHz	11599	204	25.22	\$459.95
Intel Core i5-8400 @ 2.80GHz	11660	203	43.10	\$270.55
Intel Xeon E5-1650 @ 3.20GHz	11745	202	67.11	\$175.00
Intel Xeon E5-4650L @ 2.60GHz	11821	201	1.36	\$8,684.50*
Intel Core i5-8500 @ 3.00GHz	11916	200	52.04	\$229.00
Intel Xeon E3-1285 v6 @ 4.10GHz	11955	199	26.57	\$450.00*
Intel Xeon E5-2628L v3 @ 2.00GHz	11965	198	NA	NA
Intel Core i7-3930K @ 3.20GHz	11988	197	30.05	\$398.98
Intel Xeon Silver 4110 @ 2.10GHz	12025	196	22.70	\$529.86
Intel Core i7-7700K @ 4.20GHz	12039	195	34.40	\$350.00
Intel Xeon E-2174G @ 3.80GHz	12108	194	36.92	\$328.00*
Intel Xeon E5-4650 @ 2.70GHz	12117	193	126.89	\$95.49*
Intel Core i7-8559U @ 2.70GHz	12120	192	NA	NA
Intel Xeon E5-2670 @ 2.60GHz	12137	191	124.75	\$97.30
Intel Xeon E5-2618L v3 @ 2.30GHz	12186	190	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
AMD Ryzen 5 PRO 1600	12213	189	NA	NA
Intel Core i7-7740X @ 4.30GHz	12255	188	34.33	\$356.99
AMD Ryzen 5 1600	12264	187	81.76	\$150.00
Intel Xeon E5-4655 v3 @ 2.90GHz	12292	186	2.66	\$4,616.00*
Intel Xeon W-2125 @ 4.00GHz	12362	185	25.06	\$493.21
Intel Xeon E5-1660 @ 3.30GHz	12364	184	10.08	\$1,226.66*
Intel Core i7-8750H @ 2.20GHz	12463	183	31.55	\$395.00*
Intel Core i7-8700T @ 2.40GHz	12521	182	30.69	\$408.00
Intel Core i7-3960X @ 3.30GHz	12609	181	15.76	\$799.99
Intel Core i5-8600 @ 3.10GHz	12627	180	51.65	\$244.47*
Intel Xeon E5-2680 @ 2.70GHz	12638	179	113.00	\$111.84
Intel Core i7-3970X @ 3.50GHz	12673	178	13.93	\$909.99*
Intel Xeon E5-4640 v3 @ 1.90GHz	12703	177	NA	NA
Intel Xeon E5-1650 v2 @ 3.50GHz	12725	176	109.47	\$116.24
Intel Core i5-8600K @ 3.60GHz	12785	175	51.14	\$249.99
Intel Xeon E5-2630 v3 @ 2.40GHz	12797	174	26.17	\$489.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2643 v2 @ 3.50GHz	12824	173	72.99	\$175.71
Intel Xeon E5-2470 v2 @ 2.40GHz	12836	172	5.70	\$2,250.00*
Intel Xeon E5-2630L v4 @ 1.80GHz	12847	171	NA	NA
Intel Core i7-5820K @ 3.30GHz	12989	170	43.30	\$299.99
Intel Core i7-4930K @ 3.40GHz	13014	169	21.71	\$599.39
Intel Xeon E5-2650 v2 @ 2.60GHz	13104	168	52.63	\$249.00
Intel Core i7-8850H @ 2.60GHz	13232	167	33.50	\$395.00*
AMD Ryzen 5 1600X	13233	166	73.57	\$179.87
Intel Xeon E5-2628L v4 @ 1.90GHz	13268	165	9.73	\$1,364.00*
Intel Xeon E5-2689 @ 2.60GHz	13427	164	NA	NA
Intel Xeon E5-2660 v2 @ 2.20GHz	13449	163	63.14	\$213.01*
Intel Core i5-9600K @ 3.70GHz	13480	162	48.89	\$275.72
Intel Xeon E5-2650L v3 @ 1.80GHz	13513	161	13.38	\$1,010.00*
AMD Ryzen 5 2600	13526	160	84.55	\$159.99
Intel Core i7-6800K @ 3.40GHz	13593	159	32.37	\$419.99
Intel Xeon E5-1650 v3 @ 3.50GHz	13612	158	20.33	\$669.69
Intel Xeon E5-2643 v4 @ 3.40GHz	13618	157	8.31	\$1,638.35
Intel Xeon E5-4669 v4 @ 2.20GHz	13626	156	NA	NA
Intel Core i7-5930K @ 3.50GHz	13631	155	27.32	\$498.98
Intel Xeon E5-2648L v4 @ 1.80GHz	13654	154	NA	NA
Intel Xeon E5-2690 @ 2.90GHz	13722	153	86.30	\$159.00
AMD Ryzen 7 1700	13745	152	68.76	\$199.92
Intel Xeon E5-1660 v2 @ 3.70GHz	13779	151	7.62	\$1,808.95*
Intel Core i7-4960X @ 3.60GHz	13796	150	17.92	\$769.99
Intel Xeon E5-2643 v3 @ 3.40GHz	13801	149	18.89	\$730.54
Intel Xeon D-2143IT @ 2.20GHz	13816	148	24.41	\$566.00*
Intel Xeon E5-2630 v4 @ 2.20GHz	13884	147	21.04	\$659.99
Intel Xeon D-1587 @ 1.70GHz	13950	146	NA	NA
Intel Xeon E5-2640 v3 @ 2.60GHz	13978	145	11.14	\$1,254.25
Intel Xeon E-2176M @ 2.70GHz	13986	144	31.08	\$450.00*
Intel Xeon E5-2663 v3 @ 2.80GHz	13994	143	NA	NA
Intel Xeon W-2133 @ 3.60GHz	14053	142	22.78	\$617.00*
Intel Xeon E5-2650L v4 @ 1.70GHz	14093	141	9.42	\$1,496.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2658 v2 @ 2.40GHz	14128	140	NA	NA
AMD Ryzen 7 PRO 1700	14171	139	NA	NA
Intel Xeon E5-4627 v3 @ 2.60GHz	14221	138	5.93	\$2,400.00*
Intel Xeon E5-1650 v4 @ 3.60GHz	14231	137	22.59	\$629.99*
Intel Xeon Silver 4114 @ 2.20GHz	14252	136	19.13	\$744.99*
AMD Ryzen 5 2600X	14347	135	71.74	\$199.99
Intel Core i7-6850K @ 3.60GHz	14369	134	26.13	\$549.99
Intel Xeon E5-2687W @ 3.10GHz	14381	133	24.32	\$591.46
Intel Xeon E-2176G @ 3.70GHz	14409	132	39.81	\$362.00*
Intel Xeon E-2186M @ 2.90GHz	14431	131	23.16	\$623.00*
Intel Core i9-8950HK @ 2.90GHz	14532	130	24.93	\$583.00*
Intel Core i7-7800X @ 3.50GHz	14553	129	39.98	\$364.00
Intel Xeon E5-1660 v3 @ 3.00GHz	14565	128	9.01	\$1,616.49*
Intel Xeon E5-2618L v4 @ 2.20GHz	14592	127	18.73	\$779.00*
AMD Ryzen 5 PRO 2600	14645	126	NA	NA
Intel Xeon E5-2649 v3 @ 2.30GHz	14677	125	NA	NA
AMD Ryzen 7 1700X	14678	124	75.68	\$193.95
Intel Xeon D-1567 @ 2.10GHz	14693	123	NA	NA
Intel Xeon E5-2650 v3 @ 2.30GHz	14841	122	7.38	\$2,009.92*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2670 v2 @ 2.50GHz	14966	121	30.61	\$489.00*
AMD Ryzen 7 2700	15004	119	60.02	\$249.99
Intel Xeon E5-2685 v3 @ 2.60GHz	15004	120	NA	NA
Intel Xeon Gold 6128 @ 3.40GHz	15022	118	8.15	\$1,842.27*
Intel Core i7-8700 @ 3.20GHz	15141	117	36.06	\$419.95
Intel Xeon E5-2675 v3 @ 1.80GHz	15156	116	NA	NA
Intel Xeon Silver 4123 @ 3.00GHz	15185	115	NA	NA
Intel Xeon Silver 4116 @ 2.10GHz	15248	114	13.60	\$1,121.16*
Intel Xeon E5-2640 v4 @ 2.40GHz	15331	113	16.36	\$936.99*
Intel Xeon E-2136 @ 3.30GHz	15338	112	54.01	\$284.00*
AMD Ryzen 7 PRO 1700X	15349	111	NA	NA
AMD Ryzen 7 1800X	15392	110	55.59	\$276.90
Intel Xeon E-2186G @ 3.80GHz	15406	109	34.24	\$450.00*
Intel Xeon E5-4627 v4 @ 2.60GHz	15516	108	6.97	\$2,225.00*
Intel Xeon E5-4660 v3 @ 2.10GHz	15556	107	3.24	\$4,800.00*
AMD EPYC 7351P	15820	106	18.55	\$852.66
Intel Xeon E5-2680 v2 @ 2.80GHz	15847	105	61.19	\$259.00
Intel Xeon E5-2695 v2 @ 2.40GHz	15847	104	8.90	\$1,779.95
AMD Ryzen Threadripper 1900X	15881	103	50.20	\$316.38
Intel Xeon E5-4657L v2 @ 2.40GHz	15896	102	5.30	\$3,000.00*
AMD Ryzen 7 PRO 2700	15897	101	NA	NA
Intel Xeon E5-2650 v4 @ 2.20GHz	15912	100	12.44	\$1,279.07*
Intel Core i7-5960X @ 3.00GHz	15946	99	20.71	\$769.99
Intel Core i7-8700K @ 3.70GHz	15961	98	43.14	\$369.99
Intel Xeon E5-2692 v2 @ 2.20GHz	16018	97	NA	NA
Intel Xeon E-2146G @ 3.50GHz	16050	96	51.61	\$311.00*
Intel Xeon E5-2667 v3 @ 3.20GHz	16119	95	7.13	\$2,259.95*
Intel Xeon E5-2660 v3 @ 2.60GHz	16184	94	8.95	\$1,808.95
Intel Xeon E5-1660 v4 @ 3.20GHz	16192	93	11.90	\$1,361.25
Intel Xeon E5-2658 v3 @ 2.20GHz	16298	92	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2667 v2 @ 3.30GHz	16299	91	21.35	\$763.56
Intel Xeon E5-2670 v3 @ 2.30GHz	16303	90	10.37	\$1,572.00*
Intel Xeon Gold 5120 @ 2.20GHz	16308	89	10.45	\$1,561.00*
Intel Xeon W-2135 @ 3.70GHz	16311	88	17.92	\$910.17
Intel Xeon E5-2673 v2 @ 3.30GHz	16320	87	NA	NA
Intel Xeon E5-1680 v2 @ 3.00GHz	16345	86	NA	NA
Intel Xeon Gold 5118 @ 2.30GHz	16389	85	11.70	\$1,400.49
Intel Xeon E5-2667 v4 @ 3.20GHz	16447	84	7.46	\$2,205.57
Intel Xeon E5-2690 v2 @ 3.00GHz	16463	83	37.85	\$435.00
Intel Xeon E5-2687W v2 @ 3.40GHz	16492	82	7.83	\$2,105.59
Intel Xeon E5-2696 v2 @ 2.50GHz	16620	81	NA	NA
Intel Xeon E5-1680 v3 @ 3.20GHz	16633	80	NA	NA
Intel Xeon E5-2658 v4 @ 2.30GHz	16754	79	NA	NA
AMD EPYC 7551P	16789	78	6.17	\$2,719.67
Intel Core i7-8086K @ 4.00GHz	16809	77	30.40	\$552.96*
Intel Xeon E5-2678 v3 @ 2.50GHz	16905	76	NA	NA
AMD Ryzen 7 2700X	16969	75	50.06	\$338.99
Intel Xeon E5-2660 v4 @ 2.00GHz	17069	74	9.70	\$1,760.00*
Intel Xeon E5-2673 v3 @ 2.40GHz	17071	73	24.39	\$700.00*
Intel Xeon E5-1680 v4 @ 3.40GHz	17093	72	NA	NA
AMD Ryzen Threadripper 2970WX	17210	71	13.24	\$1,299.99
AMD Ryzen 7 PRO 2700X	17276	70	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i7-9700K @ 3.60GHz	17353	69	42.33	\$409.99
Intel Xeon E5-2683 v3 @ 2.00GHz	17424	68	8.78	\$1,984.99*
Intel Xeon E5-2697 v2 @ 2.70GHz	17439	67	7.80	\$2,235.02
Intel Xeon E5-2676 v3 @ 2.40GHz	17659	66	NA	NA
Intel Core i7-6900K @ 3.20GHz	17695	65	14.76	\$1,198.99
Intel Xeon E5-2687W v3 @ 3.10GHz	17720	64	5.89	\$3,008.95
Intel Xeon Gold 6134 @ 3.20GHz	18083	63	8.38	\$2,159.00
Intel Xeon Gold 5120T @ 2.20GHz	18145	62	10.51	\$1,727.00*
Intel Xeon E5-1681 v3 @ 2.90GHz	18238	61	NA	NA
AMD Ryzen Threadripper 2990X	18311	60	NA	NA
Intel Xeon W-2140B @ 3.20GHz	18472	59	NA	NA
AMD EPYC 7551	18483	58	4.85	\$3,813.99
Intel Core i7-7820X @ 3.60GHz	18539	57	28.88	\$642.05
AMD EPYC 7401P	18546	56	16.06	\$1,154.99
Intel Xeon E5-2680 v3 @ 2.50GHz	18615	55	9.30	\$2,001.00
Intel Xeon D-2183IT @ 2.20GHz	18627	54	10.56	\$1,764.00*
AMD EPYC 7501	18942	53	4.32	\$4,379.91
Intel Xeon E5-2683 v4 @ 2.10GHz	19047	52	9.12	\$2,087.48*
Intel Xeon Gold 6130 @ 2.10GHz	19060	51	10.12	\$1,883.48
AMD Ryzen Threadripper 1920X	19065	50	47.66	\$399.99
Intel Xeon E5-2686 v3 @ 2.00GHz	19255	49	NA	NA
Intel Xeon E5-2690 v3 @ 2.60GHz	19295	48	8.71	\$2,215.86*
Intel Xeon W-2145 @ 3.70GHz	19601	47	16.22	\$1,208.38
Intel Xeon Gold 6144 @ 3.50GHz	19654	46	6.72	\$2,925.00*
Intel Xeon Gold 6126 @ 2.60GHz	19711	45	10.34	\$1,906.36*
Intel Xeon E5-2686 v4 @ 2.30GHz	19801	44	NA	NA
Intel Xeon E5-2680 v4 @ 2.40GHz	19886	43	11.28	\$1,762.90*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Xeon E5-2689 v4 @ 3.10GHz	19892	42	NA	NA
Intel Xeon E5-2687W v4 @ 3.00GHz	19933	41	8.64	\$2,307.31*
Intel Core i7-6950X @ 3.00GHz	19960	40	12.67	\$1,575.99
Intel Core i7-7900X @ 3.30GHz	20046	39	NA	NA
Intel Xeon E5-2695 v3 @ 2.30GHz	20081	38	9.99	\$2,009.99*
Intel Core i9-9900K @ 3.60GHz	20157	37	37.68	\$534.99
Intel Xeon E5-2695 v4 @ 2.10GHz	20258	36	7.87	\$2,573.17*
AMD Ryzen Threadripper 2920X	20660	35	31.79	\$649.99
Intel Xeon Gold 6136 @ 3.00GHz	21018	34	7.85	\$2,677.82*
Intel Xeon E5-2682 v4 @ 2.50GHz	21066	33	NA	NA
Intel Xeon E5-2696 v4 @ 2.20GHz	21077	32	7.00	\$3,009.95*
Intel Xeon E5-2698 v3 @ 2.30GHz	21133	31	6.17	\$3,424.02*
Intel Xeon E5-2690 v4 @ 2.60GHz	21326	30	9.07	\$2,350.88*
Intel Xeon E5-2697 v3 @ 2.60GHz	21365	29	31.19	\$685.00
Intel Xeon E5-2673 v4 @ 2.30GHz	21474	28	NA	NA
Intel Xeon W-2150B @ 3.00GHz	21522	27	NA	NA
Intel Xeon E5-2697 v4 @ 2.30GHz	21525	26	7.67	\$2,805.00
Intel Xeon W-2155 @ 3.30GHz	21790	25	14.24	\$1,530.39*
Intel Xeon E5-2698 v4 @ 2.20GHz	21836	24	6.77	\$3,226.00*
Intel Xeon E5-2697A v4 @ 2.60GHz	21875	23	NA	NA
Intel Core i9-7900X @ 3.30GHz	21970	22	15.70	\$1,399.00
AMD Ryzen Threadripper 1950X	22059	21	49.02	\$449.99
Intel Xeon E5-2699 v3 @ 2.30GHz	22375	20	4.97	\$4,505.95
Intel Xeon E5-2696 v3 @ 2.30GHz	22548	19	9.03	\$2,498.00*
Intel Xeon E5-2699 v4 @ 2.20GHz	23200	18	5.24	\$4,430.52

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
Intel Core i9-7920X @ 2.90GHz	23248	17	22.79	\$1,019.99
Intel Xeon Gold 6132 @ 2.60GHz	23907	16	10.71	\$2,232.81*
Intel Xeon Gold 6140 @ 2.30GHz	23964	15	9.25	\$2,589.99*
AMD Ryzen Threadripper 2990WX	24237	14	14.26	\$1,699.99
Intel Xeon W-2195 @ 2.30GHz	24983	13	9.07	\$2,754.94
Intel Xeon Gold 6146 @ 3.20GHz	25142	12	6.87	\$3,658.34*
Intel Xeon E5-2679 v4 @ 2.50GHz	25266	11	9.35	\$2,702.00*
Intel Xeon Gold 6138 @ 2.00GHz	25416	10	9.56	\$2,659.99
Intel Core i9-7940X @ 3.10GHz	25472	9	20.78	\$1,226.01
Intel Core i9-7960X @ 2.80GHz	25730	8	13.55	\$1,899.00
AMD Ryzen Threadripper 2950X	26015	7	28.91	\$899.99
Intel Xeon Platinum 8124M @ 3.00GHz	26652	6	NA	NA
Intel Xeon Gold 6154 @ 3.00GHz	27722	5	7.22	\$3,839.78*
Intel Core i9-7980XE @ 2.60GHz	27815	4	13.65	\$2,037.30
Intel Xeon Platinum 8175M @ 2.50GHz	28103	3	NA	NA
Intel Core i9-9940X @ 3.30GHz	28121	2	20.10	\$1,399.00
Intel Xeon Platinum 8173M @ 2.00GHz	28860	1	NA	NA

* - Last price seen from our affiliates.

Multi CPU Systems

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[3-Way] Intel Xeon X7460 @ 2.66GHz	7672	280	3.61	\$2,126.85*
[8-Way] Intel Xeon X7560 @ 2.27GHz	17658	114	100.33	\$176.00*
[Dual CPU] AMD Athlon 64 FX-72	3163	383	NA	NA
[Dual CPU] AMD Athlon 64 FX-74	2945	389	2.95	\$999.00*
[Dual CPU] AMD Athlon MP 2000+	604	435	NA	NA
[Dual CPU] AMD EPYC 7281	12720	165	8.75	\$1,454.26
[Dual CPU] AMD EPYC 7401	23518	59	4.90	\$4,800.82
[Dual CPU] AMD EPYC 7451	28957	27	4.35	\$6,663.62
[Dual CPU] AMD EPYC 7501	26884	38	3.07	\$8,759.82
[Dual CPU] AMD EPYC 7551	30966	20	4.06	\$7,627.98
[Dual CPU] AMD EPYC 7601	33545	14	3.65	\$9,194.78*
[Dual CPU] AMD Opteron 246	1130	424	28.26	\$39.98
[Dual CPU] AMD Opteron 248	1053	425	5.27	\$199.90
[Dual CPU] AMD Opteron 250	1438	421	65.36	\$22.00*
[Dual CPU] AMD Opteron 252	1385	422	10.93	\$126.72*
[Dual CPU] AMD Opteron 254	816	430	NA	NA
[Dual CPU] AMD Opteron 256	1853	418	48.76	\$38.00*
[Dual CPU] AMD Opteron 265	2010	416	6.28	\$319.90*
[Dual CPU] AMD Opteron 270	2226	412	1.83	\$1,214.94*
[Dual CPU] AMD Opteron 275	2133	415	16.41	\$129.98
[Dual CPU] AMD Opteron 280	2452	407	1.54	\$1,593.34*
[Dual CPU] AMD Opteron 285	2772	398	NA	NA
[Dual CPU] AMD Opteron 290	2807	395	10.40	\$270.00*
[Dual CPU] AMD Opteron 885	2851	393	NA	NA
[Dual CPU] AMD Opteron 2212	2203	413	91.79	\$24.00*
[Dual CPU] AMD Opteron 2214	2344	408	40.41	\$58.00
[Dual CPU] AMD Opteron 2214 HE	2463	405	NA	NA
[Dual CPU] AMD Opteron 2216	2485	404	54.02	\$46.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2216 HE	2593	401	NA	NA
[Dual CPU] AMD Opteron 2218	2719	399	41.93	\$64.84*
[Dual CPU] AMD Opteron 2218 HE	2514	402	NA	NA
[Dual CPU] AMD Opteron 2220	2853	392	0.97	\$2,950.32*
[Dual CPU] AMD Opteron 2220 SE	2882	391	57.64	\$50.00*
[Dual CPU] AMD Opteron 2222	2998	387	0.90	\$3,329.96*
[Dual CPU] AMD Opteron 2222 SE	3257	381	45.30	\$71.90
[Dual CPU] AMD Opteron 2346 HE	4095	371	NA	NA
[Dual CPU] AMD Opteron 2347 HE	3470	378	7.36	\$471.66*
[Dual CPU] AMD Opteron 2350	4078	372	7.55	\$539.98*
[Dual CPU] AMD Opteron 2354	4566	360	6.88	\$664.06*
[Dual CPU] AMD Opteron 2356	4441	363	148.53	\$29.90
[Dual CPU] AMD Opteron 2360 SE	5315	342	98.43	\$54.00
[Dual CPU] AMD Opteron 2373 EE	4164	369	NA	NA
[Dual CPU] AMD Opteron 2374 HE	4799	356	12.63	\$379.98*
[Dual CPU] AMD Opteron 2376	5238	343	15.70	\$333.60*
[Dual CPU] AMD Opteron 2378	5318	341	14.85	\$358.00*
[Dual CPU] AMD Opteron 2380	5754	329	115.08	\$50.00*
[Dual CPU] AMD Opteron 2384	5914	325	3.52	\$1,680.00*
[Dual CPU] AMD Opteron 2387	6320	314	NA	NA
[Dual CPU] AMD Opteron 2389	5677	330	48.11	\$118.00
[Dual CPU] AMD Opteron 2419	5191	345	216.47	\$23.98*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 2425 HE	6209	317	NA	NA
[Dual CPU] AMD Opteron 2427	5907	326	29.83	\$198.00
[Dual CPU] AMD Opteron 2431	6438	309	80.48	\$80.00
[Dual CPU] AMD Opteron 2435	7060	295	18.68	\$378.00
[Dual CPU] AMD Opteron 2439 SE	8071	266	44.84	\$179.98*
[Dual CPU] AMD Opteron 4122	4076	373	16.31	\$249.98*
[Dual CPU] AMD Opteron 4130	5651	332	9.15	\$617.90*
[Dual CPU] AMD Opteron 4170 HE	6344	312	53.76	\$118.00*
[Dual CPU] AMD Opteron 4180	6367	310	7.77	\$819.90
[Dual CPU] AMD Opteron 4184	7848	272	7.55	\$1,039.90*
[Dual CPU] AMD Opteron 4226	8088	265	80.90	\$99.98
[Dual CPU] AMD Opteron 4228 HE	7986	268	NA	NA
[Dual CPU] AMD Opteron 4234	9361	233	20.35	\$459.98
[Dual CPU] AMD Opteron 4276 HE	9681	227	NA	NA
[Dual CPU] AMD Opteron 4280	4525	361	45.26	\$99.98
[Dual CPU] AMD Opteron 4284	8772	246	73.11	\$119.98
[Dual CPU] AMD Opteron 4334	9456	232	21.85	\$432.84*
[Dual CPU] AMD Opteron 4340	10419	206	21.71	\$479.98
[Dual CPU] AMD Opteron 4376 HE	10244	213	8.15	\$1,257.44*
[Dual CPU] AMD Opteron 4386	11360	193	40.57	\$279.98
[Dual CPU] AMD Opteron 6128	6881	300	163.91	\$41.98
[Dual CPU] AMD Opteron 6128 HE	5582	335	NA	NA
[Dual CPU] AMD Opteron 6132 HE	8657	249	NA	NA
[Dual CPU] AMD Opteron 6134	7586	282	11.53	\$658.00
[Dual CPU] AMD Opteron 6136	7255	289	10.10	\$718.00*
[Dual CPU] AMD Opteron 6164 HE	5109	348	NA	NA
[Dual CPU] AMD Opteron 6168	7741	277	40.68	\$190.28*
[Dual CPU] AMD Opteron 6172	7623	281	38.50	\$198.00
[Dual CPU] AMD Opteron 6174	8567	252	43.27	\$198.00
[Dual CPU] AMD Opteron 6176 SE	8448	255	26.57	\$318.00

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6180 SE	3114	384	NA	NA
[Dual CPU] AMD Opteron 6204	7134	292	50.96	\$139.98
[Dual CPU] AMD Opteron 6212	8955	239	149.30	\$59.98
[Dual CPU] AMD Opteron 6220	10740	202	89.51	\$119.98
[Dual CPU] AMD Opteron 6234	10079	217	72.00	\$139.98*
[Dual CPU] AMD Opteron 6238	10349	208	86.26	\$119.98
[Dual CPU] AMD Opteron 6272	10008	220	7.59	\$1,317.78
[Dual CPU] AMD Opteron 6274	10682	203	22.35	\$478.00
[Dual CPU] AMD Opteron 6275	10900	201	NA	NA
[Dual CPU] AMD Opteron 6276	10194	215	63.72	\$159.98
[Dual CPU] AMD Opteron 6284 SE	11985	179	17.12	\$699.98
[Dual CPU] AMD Opteron 6308	8351	257	8.24	\$1,013.68*
[Dual CPU] AMD Opteron 6320	10914	200	27.29	\$399.98
[Dual CPU] AMD Opteron 6328	11842	181	16.49	\$718.00
[Dual CPU] AMD Opteron 6344	11203	195	14.40	\$778.00
[Dual CPU] AMD Opteron 6348	11412	189	28.53	\$399.98
[Dual CPU] AMD Opteron 6376	10405	207	80.04	\$130.00
[Dual CPU] AMD Opteron 6378	2905	390	7.26	\$399.98
[Dual CPU] AMD Opteron 6380	14200	151	78.90	\$179.98
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] AMD Opteron 6386 SE	11081	196	36.94	\$299.98
[Dual CPU] AMD Opteron 8218	2831	394	67.40	\$42.00
[Dual CPU] AMD Opteron 8220	2510	403	NA	NA
[Dual CPU] AMD Opteron 8222 SE	2793	397	0.45	\$6,180.64*
[Dual CPU] AMD Opteron 8354	3223	382	73.25	\$44.00
[Dual CPU] AMD Opteron 8380	5643	333	13.70	\$412.00*
[Dual CPU] AMD Opteron 8381 HE	5210	344	NA	NA
[Dual CPU] AMD Opteron 8389	6517	306	41.25	\$158.00
[Dual CPU] AMD Opteron 8431	5813	327	207.76	\$27.98*
[Dual CPU] AMD Opteron 8435	6739	303	46.80	\$144.00
[Dual CPU] AMD Opteron 8439 SE	7691	279	51.27	\$150.00*
[Dual CPU] C-QuadCore C4700@2.0GHz	1163	423	NA	NA
[Dual CPU] Dual-Core AMD Opteron 2212 HE	2302	410	NA	NA
[Dual CPU] Dual-Core AMD Opteron 8224 SE	3532	377	NA	NA
[Dual CPU] Intel Core2 Extreme X9775 @ 3.20GHz	7908	270	2.19	\$3,611.90*
[Dual CPU] Intel Pentium III 1133 @ 1133MHz	450	444	NA	NA
[Dual CPU] Intel Pentium III 1266S @ 1266MHz	465	442	NA	NA
[Dual CPU] Intel Pentium III 1400 @ 1400MHz	540	438	NA	NA
[Dual CPU] Intel Pentium III 1400S @ 1400MHz	532	440	NA	NA
[Dual CPU] Intel XEON 1.80GHz	362	445	NA	NA
[Dual CPU] Intel Xeon 2.00GHz	339	446	NA	NA
[Dual CPU] Intel XEON 2.20GHz	453	443	NA	NA
[Dual CPU] Intel Xeon 2.40GHz	473	441	25.99	\$18.20*
[Dual CPU] Intel Xeon 2.66GHz	601	436	NA	NA
[Dual CPU] Intel Xeon 2.80GHz	687	432	NA	NA
[Dual CPU] Intel Xeon 3.00GHz	784	431	NA	NA
[Dual CPU] Intel Xeon 3.06GHz	604	434	NA	NA
[Dual CPU] Intel Xeon 3.20GHz	857	429	NA	NA
[Dual CPU] Intel Xeon 3.40GHz	889	428	NA	NA
[Dual CPU] Intel Xeon 3.60GHz	930	427	0.55	\$1,702.00*
[Dual CPU] Intel Xeon 3.73GHz	1859	417	NA	NA
[Dual CPU] Intel Xeon 3.80GHz	993	426	0.58	\$1,702.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon 5110 @ 1.60GHz	2154	414	6.73	\$319.90*
[Dual CPU] Intel Xeon 5120 @ 1.86GHz	2310	409	0.75	\$3,094.98
[Dual CPU] Intel Xeon 5130 @ 2.00GHz	2615	400	98.60	\$26.52*
[Dual CPU] Intel Xeon 5138 @ 2.13GHz	3017	385	NA	NA
[Dual CPU] Intel Xeon 5140 @ 2.33GHz	2984	388	46.02	\$64.84*
[Dual CPU] Intel Xeon 5148 @ 2.33GHz	2999	386	114.20	\$26.26*
[Dual CPU] Intel Xeon 5150 @ 2.66GHz	3439	379	3.77	\$911.90*
[Dual CPU] Intel Xeon 5160 @ 3.00GHz	3833	375	149.49	\$25.64*
[Dual CPU] Intel Xeon Bronze 3104 @ 1.70GHz	8987	237	19.13	\$469.78
[Dual CPU] Intel Xeon Bronze 3106 @ 1.70GHz	11646	186	16.25	\$716.80
[Dual CPU] Intel Xeon E5-2403 @ 1.80GHz	6204	318	8.50	\$729.94
[Dual CPU] Intel Xeon E5-2403 v2 @ 1.80GHz	6304	315	16.68	\$378.00
[Dual CPU] Intel Xeon E5-2407 @ 2.20GHz	7486	284	160.57	\$46.62
[Dual CPU] Intel Xeon E5-2407 v2 @ 2.40GHz	9018	236	9.47	\$952.62*
[Dual CPU] Intel Xeon E5-2420 @ 1.90GHz	11387	192	14.60	\$780.04
[Dual CPU] Intel Xeon E5-2420 v2 @ 2.20GHz	11738	183	21.04	\$558.00
[Dual CPU] Intel Xeon E5-2428L @ 1.80GHz	8321	260	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2430 @ 2.20GHz	13637	156	9.35	\$1,457.90
[Dual CPU] Intel Xeon E5-2430 v2 @ 2.50GHz	13763	153	68.82	\$200.00
[Dual CPU] Intel Xeon E5-2430L @ 2.00GHz	11390	191	54.76	\$207.98*
[Dual CPU] Intel Xeon E5-2430L v2 @ 2.40GHz	12354	171	NA	NA
[Dual CPU] Intel Xeon E5-2440 v2 @ 1.90GHz	12854	164	12.60	\$1,019.90*
[Dual CPU] Intel Xeon E5-2450 @ 2.10GHz	13718	154	9.50	\$1,444.44*
[Dual CPU] Intel Xeon E5-2450 v2 @ 2.50GHz	16556	125	18.86	\$878.00*
[Dual CPU] Intel Xeon E5-2450L @ 1.80GHz	11715	184	45.06	\$260.00*
[Dual CPU] Intel Xeon E5-2470 @ 2.30GHz	16613	124	26.23	\$633.44*
[Dual CPU] Intel Xeon E5-2470 v2 @ 2.40GHz	18572	108	4.13	\$4,500.00*
[Dual CPU] Intel Xeon E5-2603 @ 1.80GHz	6340	313	14.71	\$431.10
[Dual CPU] Intel Xeon E5-2603 v2 @ 1.80GHz	6520	305	106.26	\$61.36
[Dual CPU] Intel Xeon E5-2603 v3 @ 1.60GHz	8385	256	11.73	\$714.66
[Dual CPU] Intel Xeon E5-2603 v4 @ 1.70GHz	8775	245	19.08	\$459.98*
[Dual CPU] Intel Xeon E5-2609 @ 2.40GHz	8214	262	19.65	\$418.00
[Dual CPU] Intel Xeon E5-2609 v2 @ 2.50GHz	8871	242	8.70	\$1,019.90*
[Dual CPU] Intel Xeon E5-2609 v3 @ 1.90GHz	9984	221	8.06	\$1,238.08
[Dual CPU] Intel Xeon E5-2609 v4 @ 1.70GHz	10992	199	15.28	\$719.46*
[Dual CPU] Intel Xeon E5-2620 @ 2.00GHz	12357	170	183.23	\$67.44
[Dual CPU] Intel Xeon E5-2620 v2 @ 2.10GHz	13404	162	35.27	\$380.00
[Dual CPU] Intel Xeon E5-2620 v3 @ 2.40GHz	15276	139	20.70	\$738.00
[Dual CPU] Intel Xeon E5-2620 v4 @ 2.10GHz	16459	126	18.70	\$879.96
[Dual CPU] Intel Xeon E5-2623 v3 @ 3.00GHz	14251	150	17.59	\$809.98*
[Dual CPU] Intel Xeon E5-2623 v4 @ 2.60GHz	12379	169	11.27	\$1,098.00*
[Dual CPU] Intel Xeon E5-2628L v2 @ 1.90GHz	14589	147	NA	NA
[Dual CPU] Intel Xeon E5-2630 @ 2.30GHz	13600	161	57.60	\$236.10
[Dual CPU] Intel Xeon E5-2630 v2 @ 2.60GHz	16034	129	121.62	\$131.84
[Dual CPU] Intel Xeon E5-2630 v3 @ 2.40GHz	18514	109	18.93	\$978.00
[Dual CPU] Intel Xeon E5-2630 v4 @ 2.20GHz	18872	106	14.30	\$1,319.98
[Dual CPU] Intel Xeon E5-2630L @ 2.00GHz	11068	197	NA	NA
[Dual CPU] Intel Xeon E5-2630L v2 @ 2.40GHz	13636	157	NA	NA
[Dual CPU] Intel Xeon E5-2630L v3 @ 1.80GHz	15183	140	10.10	\$1,503.84*
[Dual CPU] Intel Xeon E5-2637 @ 3.00GHz	7416	287	4.19	\$1,770.00*
[Dual CPU] Intel Xeon E5-2637 v2 @ 3.50GHz	15972	131	32.50	\$491.50
[Dual CPU] Intel Xeon E5-2637 v3 @ 3.50GHz	16437	127	6.34	\$2,591.90*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2637 v4 @ 3.50GHz	16656	123	7.76	\$2,147.56*
[Dual CPU] Intel Xeon E5-2640 @ 2.50GHz	14682	144	60.80	\$241.50*
[Dual CPU] Intel Xeon E5-2640 v2 @ 2.00GHz	14511	148	75.31	\$192.68*
[Dual CPU] Intel Xeon E5-2640 v3 @ 2.60GHz	20164	94	8.04	\$2,508.50
[Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	20765	89	11.08	\$1,873.98*
[Dual CPU] Intel Xeon E5-2643 @ 3.30GHz	13640	155	8.96	\$1,521.98
[Dual CPU] Intel Xeon E5-2643 v2 @ 3.50GHz	21077	83	59.98	\$351.42
[Dual CPU] Intel Xeon E5-2643 v3 @ 3.40GHz	21083	82	14.43	\$1,461.08
[Dual CPU] Intel Xeon E5-2643 v4 @ 3.40GHz	21544	77	6.57	\$3,276.70
[Dual CPU] Intel Xeon E5-2648L @ 1.80GHz	12250	174	NA	NA
[Dual CPU] Intel Xeon E5-2648L v2 @ 1.90GHz	11808	182	3.99	\$2,958.00*
[Dual CPU] Intel Xeon E5-2648L v3 @ 1.80GHz	18089	112	6.60	\$2,741.88
[Dual CPU] Intel Xeon E5-2650 @ 2.00GHz	15001	141	65.08	\$230.50
[Dual CPU] Intel Xeon E5-2650 v2 @ 2.60GHz	19033	105	38.22	\$498.00
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2650 v3 @ 2.30GHz	20449	92	5.09	\$4,019.84*
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	20439	93	7.99	\$2,558.14*
[Dual CPU] Intel Xeon E5-2650L @ 1.80GHz	14385	149	44.98	\$319.80*
[Dual CPU] Intel Xeon E5-2650L v2 @ 1.70GHz	14703	143	35.61	\$412.94
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	20924	87	6.99	\$2,992.00*
[Dual CPU] Intel Xeon E5-2658 @ 2.10GHz	13319	163	4.56	\$2,924.00*
[Dual CPU] Intel Xeon E5-2658 v2 @ 2.40GHz	18822	107	NA	NA
[Dual CPU] Intel Xeon E5-2658 v4 @ 2.30GHz	19391	102	NA	NA
[Dual CPU] Intel Xeon E5-2660 @ 2.20GHz	16343	128	80.11	\$204.00
[Dual CPU] Intel Xeon E5-2660 v2 @ 2.20GHz	18077	113	42.43	\$426.02*
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22592	70	6.24	\$3,617.90
[Dual CPU] Intel Xeon E5-2660 v4 @ 2.00GHz	23128	66	6.57	\$3,520.00*
[Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	23254	65	NA	NA
[Dual CPU] Intel Xeon E5-2665 @ 2.40GHz	17470	116	18.99	\$919.90
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	24877	49	NA	NA
[Dual CPU] Intel Xeon E5-2667 @ 2.90GHz	17003	119	37.62	\$452.00*
[Dual CPU] Intel Xeon E5-2667 v2 @ 3.30GHz	22404	73	14.67	\$1,527.12
[Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	23109	67	5.11	\$4,519.90*
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	23927	56	5.42	\$4,411.14
[Dual CPU] Intel Xeon E5-2670 @ 2.60GHz	18197	111	93.51	\$194.60
[Dual CPU] Intel Xeon E5-2670 v2 @ 2.50GHz	20936	86	21.41	\$978.00*
[Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	22371	74	7.12	\$3,144.00*
[Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	23393	61	NA	NA
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	23266	64	16.62	\$1,400.00*
[Dual CPU] Intel Xeon E5-2673 v4 @ 2.30GHz	29799	25	NA	NA
[Dual CPU] Intel Xeon E5-2675 v3 @ 1.80GHz	19952	95	NA	NA
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	21498	78	NA	NA
[Dual CPU] Intel Xeon E5-2679 v4 @ 2.50GHz	29934	24	5.54	\$5,404.00*
[Dual CPU] Intel Xeon E5-2680 @ 2.70GHz	18209	110	81.41	\$223.68
[Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21483	79	41.47	\$518.00
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24798	51	6.20	\$4,002.00
[Dual CPU] Intel Xeon E5-2680 v4 @ 2.40GHz	23368	62	6.63	\$3,525.80*
[Dual CPU] Intel Xeon E5-2682 v4 @ 2.50GHz	16920	120	NA	NA
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	21061	84	5.31	\$3,969.98*
[Dual CPU] Intel Xeon E5-2683 v4 @ 2.10GHz	24989	48	5.99	\$4,174.96*
[Dual CPU] Intel Xeon E5-2685 v3 @ 2.60GHz	22049	75	NA	NA
[Dual CPU] Intel Xeon E5-2686 v3 @ 2.00GHz	26790	39	NA	NA
[Dual CPU] Intel Xeon E5-2686 v4 @ 2.30GHz	28784	30	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2687W @ 3.10GHz	20971	85	17.73	\$1,182.92
[Dual CPU] Intel Xeon E5-2687W v2 @ 3.40GHz	23284	63	5.53	\$4,211.18
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	24146	54	4.01	\$6,017.90
[Dual CPU] Intel Xeon E5-2687W v4 @ 3.00GHz	26677	40	5.78	\$4,614.62*
[Dual CPU] Intel Xeon E5-2689 @ 2.60GHz	19917	97	NA	NA
[Dual CPU] Intel Xeon E5-2689 v4 @ 3.10GHz	26185	42	NA	NA
[Dual CPU] Intel Xeon E5-2690 @ 2.90GHz	19727	98	62.03	\$318.00
[Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	23726	58	27.27	\$870.00
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	25757	45	5.81	\$4,431.72*
[Dual CPU] Intel Xeon E5-2690 v4 @ 2.60GHz	27561	35	5.86	\$4,701.76*
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	20811	88	5.85	\$3,559.90
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5-2695 v3 @ 2.30GHz	24852	50	6.18	\$4,019.98*
[Dual CPU] Intel Xeon E5-2695 v4 @ 2.10GHz	25618	46	4.98	\$5,146.34*
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23914	57	NA	NA
[Dual CPU] Intel Xeon E5-2696 v3 @ 2.30GHz	30313	22	6.07	\$4,996.00*
[Dual CPU] Intel Xeon E5-2696 v4 @ 2.20GHz	31304	18	5.20	\$6,019.90*
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	23443	60	5.24	\$4,470.04
[Dual CPU] Intel Xeon E5-2697 v3 @ 2.60GHz	28246	32	20.62	\$1,370.00
[Dual CPU] Intel Xeon E5-2697 v4 @ 2.30GHz	30520	21	5.44	\$5,610.00
[Dual CPU] Intel Xeon E5-2697A v4 @ 2.60GHz	28161	33	NA	NA
[Dual CPU] Intel Xeon E5-2698 v3 @ 2.30GHz	29958	23	4.37	\$6,848.04*
[Dual CPU] Intel Xeon E5-2698 v4 @ 2.20GHz	32235	16	5.00	\$6,452.00*
[Dual CPU] Intel Xeon E5-2698A v3 @ 2.80GHz	24133	55	NA	NA
[Dual CPU] Intel Xeon E5-2699 v3 @ 2.30GHz	26333	41	2.92	\$9,011.90
[Dual CPU] Intel Xeon E5-2699 v4 @ 2.20GHz	34013	13	3.84	\$8,861.04
[Dual CPU] Intel Xeon E5-2699C v4 @ 2.20GHz	20653	91	NA	NA
[Dual CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	19491	101	NA	NA
[Dual CPU] Intel Xeon E5-4640 @ 2.40GHz	15897	133	2.91	\$5,460.00*
[Dual CPU] Intel Xeon E5-4640 v2 @ 2.20GHz	19209	103	NA	NA
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	19583	100	NA	NA
[Dual CPU] Intel Xeon E5-4650 @ 2.70GHz	19127	104	100.15	\$190.98*
[Dual CPU] Intel Xeon E5-4650 v3 @ 2.10GHz	14876	142	1.94	\$7,676.00*
[Dual CPU] Intel Xeon E5-4650L @ 2.60GHz	10679	204	0.61	\$17,369.00*
[Dual CPU] Intel Xeon E5-4660 v3 @ 2.10GHz	22461	71	2.34	\$9,600.00*
[Dual CPU] Intel Xeon E5-4669 v3 @ 2.10GHz	27457	37	2.54	\$10,800.00*
[Dual CPU] Intel Xeon E7-2850 @ 2.00GHz	12145	175	44.98	\$270.00*
[Dual CPU] Intel Xeon E7-4820 v3 @ 1.90GHz	15686	135	NA	NA
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	22412	72	1.81	\$12,400.00*
[Dual CPU] Intel Xeon E7- 2870 @ 2.40GHz	12016	178	1.42	\$8,454.00*
[Dual CPU] Intel Xeon E7- 4870 @ 2.40GHz	15488	136	33.24	\$466.00*
[Dual CPU] Intel Xeon E7- 8837 @ 2.67GHz	10044	219	25.11	\$399.98*
[Dual CPU] Intel Xeon E5205 @ 1.86GHz	2279	411	120.97	\$18.84*
[Dual CPU] Intel Xeon E5240 @ 3.00GHz	4038	374	NA	NA
[Dual CPU] Intel Xeon E5310 @ 1.60GHz	3566	376	36.39	\$98.00*
[Dual CPU] Intel Xeon E5320 @ 1.86GHz	4143	370	7.67	\$539.90*
[Dual CPU] Intel Xeon E5330 @ 2.13GHz	4944	351	NA	NA
[Dual CPU] Intel Xeon E5335 @ 2.00GHz	4593	359	129.23	\$35.54*
[Dual CPU] Intel Xeon E5345 @ 2.33GHz	5129	347	64.13	\$79.98*
[Dual CPU] Intel Xeon E5405 @ 2.00GHz	5178	346	9.25	\$559.90*
[Dual CPU] Intel Xeon E5410 @ 2.33GHz	6027	322	14.56	\$414.02*
[Dual CPU] Intel Xeon E5420 @ 2.50GHz	6355	311	12.22	\$519.90*
[Dual CPU] Intel Xeon E5430 @ 2.66GHz	6856	302	95.22	\$72.00*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5440 @ 2.83GHz	7169	291	29.88	\$239.90*
[Dual CPU] Intel Xeon E5450 @ 3.00GHz	7548	283	16.41	\$459.90*
[Dual CPU] Intel Xeon E5462 @ 2.80GHz	7112	293	130.26	\$54.60*
[Dual CPU] Intel Xeon E5472 @ 3.00GHz	7836	274	71.50	\$109.60*
[Dual CPU] Intel Xeon E5502 @ 1.87GHz	2456	406	12.93	\$190.00*
[Dual CPU] Intel Xeon E5503 @ 2.00GHz	2801	396	4.88	\$574.02*
[Dual CPU] Intel Xeon E5504 @ 2.00GHz	4891	353	34.96	\$139.90
[Dual CPU] Intel Xeon E5506 @ 2.13GHz	5008	350	41.73	\$120.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon E5507 @ 2.27GHz	5434	338	5.95	\$913.82*
[Dual CPU] Intel Xeon E5520 @ 2.27GHz	7425	286	123.79	\$59.98
[Dual CPU] Intel Xeon E5530 @ 2.40GHz	7704	278	128.40	\$60.00
[Dual CPU] Intel Xeon E5540 @ 2.53GHz	7848	273	112.11	\$70.00*
[Dual CPU] Intel Xeon E5603 @ 1.60GHz	4236	367	16.41	\$258.08*
[Dual CPU] Intel Xeon E5606 @ 2.13GHz	5553	336	12.68	\$438.00*
[Dual CPU] Intel Xeon E5607 @ 2.27GHz	5992	323	13.68	\$438.00
[Dual CPU] Intel Xeon E5620 @ 2.40GHz	8069	267	57.64	\$140.00
[Dual CPU] Intel Xeon E5630 @ 2.53GHz	8326	258	88.44	\$94.14
[Dual CPU] Intel Xeon E5640 @ 2.67GHz	8790	244	73.88	\$118.98*
[Dual CPU] Intel Xeon E5645 @ 2.40GHz	10323	210	19.86	\$519.90
[Dual CPU] Intel Xeon E5649 @ 2.53GHz	10296	211	44.77	\$230.00*
[Dual CPU] Intel Xeon E7340 @ 2.40GHz	5444	337	87.81	\$62.00*
[Dual CPU] Intel Xeon E7440 @ 2.40GHz	5376	340	29.87	\$179.98*
[Dual CPU] Intel Xeon Gold 5115 @ 2.40GHz	21833	76	7.99	\$2,731.06*
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	24299	53	NA	NA
[Dual CPU] Intel Xeon Gold 5117M @ 2.00GHz	21250	81	NA	NA
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	20751	90	7.41	\$2,800.98
[Dual CPU] Intel Xeon Gold 5120 @ 2.20GHz	25997	44	8.33	\$3,122.00*
[Dual CPU] Intel Xeon Gold 5122 @ 3.60GHz	17491	115	6.78	\$2,577.98
[Dual CPU] Intel Xeon Gold 6126 @ 2.60GHz	27757	34	7.28	\$3,812.72*
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22869	68	6.21	\$3,684.54*
[Dual CPU] Intel Xeon Gold 6130 @ 2.10GHz	22620	69	6.00	\$3,766.96
[Dual CPU] Intel Xeon Gold 6132 @ 2.60GHz	27522	36	6.16	\$4,465.62*
[Dual CPU] Intel Xeon Gold 6134 @ 3.20GHz	25404	47	5.88	\$4,318.00
[Dual CPU] Intel Xeon Gold 6136 @ 3.00GHz	28778	31	5.37	\$5,355.64*
[Dual CPU] Intel Xeon Gold 6138 @ 2.00GHz	35063	11	6.59	\$5,319.98
[Dual CPU] Intel Xeon Gold 6140 @ 2.30GHz	33297	15	6.43	\$5,179.98*
[Dual CPU] Intel Xeon Gold 6142 @ 2.60GHz	28848	29	4.96	\$5,810.52*
[Dual CPU] Intel Xeon Gold 6144 @ 3.50GHz	28886	28	4.94	\$5,850.00*
[Dual CPU] Intel Xeon Gold 6146 @ 3.20GHz	28993	26	3.96	\$7,316.68*
[Dual CPU] Intel Xeon Gold 6148 @ 2.40GHz	36272	5	6.18	\$5,870.00
[Dual CPU] Intel Xeon Gold 6150 @ 2.70GHz	31175	19	NA	NA
[Dual CPU] Intel Xeon Gold 6152 @ 2.10GHz	35368	10	4.70	\$7,519.98*
[Dual CPU] Intel Xeon Gold 6154 @ 3.00GHz	36640	4	4.77	\$7,679.56*
[Dual CPU] Intel Xeon L5240 @ 3.00GHz	4469	362	71.16	\$62.80*
[Dual CPU] Intel Xeon L5320 @ 1.86GHz	4286	366	30.62	\$139.98*
[Dual CPU] Intel Xeon L5335 @ 2.00GHz	4891	354	64.02	\$76.40*
[Dual CPU] Intel Xeon L5408 @ 2.13GHz	5624	334	NA	NA
[Dual CPU] Intel Xeon L5410 @ 2.33GHz	6120	319	30.58	\$200.16*
[Dual CPU] Intel Xeon L5420 @ 2.50GHz	6468	308	117.60	\$55.00*
[Dual CPU] Intel Xeon L5430 @ 2.66GHz	6072	321	19.22	\$315.90*
[Dual CPU] Intel Xeon L5506 @ 2.13GHz	4928	352	11.00	\$448.00*
[Dual CPU] Intel Xeon L5518 @ 2.13GHz	6904	299	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5520 @ 2.27GHz	6944	298	268.73	\$25.84*
[Dual CPU] Intel Xeon L5530 @ 2.40GHz	7939	269	284.35	\$27.92*
[Dual CPU] Intel Xeon L5630 @ 2.13GHz	7006	297	202.14	\$34.66*
[Dual CPU] Intel Xeon L5638 @ 2.00GHz	8952	240	64.03	\$139.80*
[Dual CPU] Intel Xeon L5639 @ 2.13GHz	9598	228	NA	NA
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon L5640 @ 2.27GHz	9710	226	112.93	\$85.98
[Dual CPU] Intel Xeon MP 2.50GHz	550	437	NA	NA
[Dual CPU] Intel Xeon MP 2.70GHz	539	439	5.99	\$90.00*
[Dual CPU] Intel Xeon MP 3.00GHz	624	433	NA	NA
[Dual CPU] Intel Xeon MV 3.20GHz	1609	419	NA	NA
[Dual CPU] Intel Xeon Platinum 8124M @ 3.00GHz	36109	6	NA	NA
[Dual CPU] Intel Xeon Platinum 8160M @ 2.10GHz	35823	8	2.32	\$15,408.00*
[Dual CPU] Intel Xeon Platinum 8168 @ 2.70GHz	39104	3	3.32	\$11,780.00*
[Dual CPU] Intel Xeon Platinum 8173M @ 2.00GHz	35438	9	NA	NA
[Dual CPU] Intel Xeon Platinum 8175M @ 2.50GHz	36068	7	NA	NA
[Dual CPU] Intel Xeon Platinum 8180 @ 2.50GHz	34585	12	1.73	\$20,030.00*
[Dual CPU] Intel Xeon Silver 4108 @ 1.80GHz	15702	134	17.16	\$915.02
[Dual CPU] Intel Xeon Silver 4110 @ 2.10GHz	16810	122	15.86	\$1,059.72
[Dual CPU] Intel Xeon Silver 4112 @ 2.60GHz	13615	159	12.86	\$1,058.42*
[Dual CPU] Intel Xeon Silver 4114 @ 2.20GHz	19683	99	13.21	\$1,489.98*
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	19929	96	8.89	\$2,242.32*
[Dual CPU] Intel Xeon W5580 @ 3.20GHz	10110	216	47.23	\$214.06
[Dual CPU] Intel Xeon W5590 @ 3.33GHz	10348	209	2.06	\$5,017.90*
[Dual CPU] Intel Xeon W5647 @ 2.93GHz	10279	212	NA	NA
[Dual CPU] Intel Xeon X5260 @ 3.33GHz	4768	357	17.12	\$278.48*
[Dual CPU] Intel Xeon X5270 @ 3.50GHz	4689	358	NA	NA
[Dual CPU] Intel Xeon X5272 @ 3.40GHz	4890	355	17.46	\$280.00*
[Dual CPU] Intel Xeon X5355 @ 2.66GHz	5774	328	70.41	\$82.00
[Dual CPU] Intel Xeon X5365 @ 3.00GHz	6229	316	31.30	\$199.00*
[Dual CPU] Intel Xeon X5450 @ 3.00GHz	7467	285	54.11	\$138.00
[Dual CPU] Intel Xeon X5460 @ 3.16GHz	7850	271	24.54	\$319.90*
[Dual CPU] Intel Xeon X5470 @ 3.33GHz	8174	264	21.62	\$378.00*
[Dual CPU] Intel Xeon X5472 @ 3.00GHz	7780	275	17.29	\$450.00*
[Dual CPU] Intel Xeon X5482 @ 3.20GHz	8205	263	41.03	\$199.98*
[Dual CPU] Intel Xeon X5492 @ 3.40GHz	8716	248	3.13	\$2,782.58*
[Dual CPU] Intel Xeon X5550 @ 2.67GHz	8971	238	259.73	\$34.54*
[Dual CPU] Intel Xeon X5560 @ 2.80GHz	9084	234	78.38	\$115.90*
[Dual CPU] Intel Xeon X5570 @ 2.93GHz	9533	231	53.56	\$178.00*
[Dual CPU] Intel Xeon X5647 @ 2.93GHz	9844	223	24.64	\$399.50*
[Dual CPU] Intel Xeon X5650 @ 2.67GHz	11349	194	189.21	\$59.98
[Dual CPU] Intel Xeon X5660 @ 2.80GHz	11667	185	58.60	\$199.08
[Dual CPU] Intel Xeon X5667 @ 3.07GHz	8817	243	55.80	\$158.00
[Dual CPU] Intel Xeon X5670 @ 2.93GHz	12303	172	104.26	\$118.00
[Dual CPU] Intel Xeon X5672 @ 3.20GHz	10075	218	17.76	\$567.44*
[Dual CPU] Intel Xeon X5675 @ 3.07GHz	12612	167	78.83	\$159.98
[Dual CPU] Intel Xeon X5677 @ 3.47GHz	11406	190	54.31	\$210.00*
[Dual CPU] Intel Xeon X5679 @ 3.20GHz	13618	158	NA	NA

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X5680 @ 3.33GHz	13603	160	39.27	\$346.36
[Dual CPU] Intel Xeon X5687 @ 3.60GHz	11984	180	109.97	\$108.98
[Dual CPU] Intel Xeon X5690 @ 3.47GHz	13798	152	46.30	\$298.00
[Dual CPU] Intel Xeon X5698 @ 4.40GHz	8488	254	NA	NA
[Dual CPU] Intel Xeon X7350 @ 2.93GHz	6594	304	91.61	\$71.98*
[Dual CPU] Intel Xeon X7460 @ 2.66GHz	8721	247	6.15	\$1,417.90*
[Dual CPU] Intel Xeon X7550 @ 2.00GHz	9937	222	18.07	\$550.00*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Dual CPU] Intel Xeon X7560 @ 2.27GHz	11631	187	264.34	\$44.00*
[Dual CPU] Quad-Core AMD Opteron 2352	4171	368	59.59	\$70.00
[Dual CPU] Quad-Core AMD Opteron 2358 SE	5042	349	15.28	\$330.00*
[Dual CPU] Quad-Core AMD Opteron 8350	4290	365	9.75	\$439.98*
[Dual CPU] Quad-Core AMD Opteron 8356	4376	364	199.09	\$21.98*
[Dual CPU] Quad-Core AMD Opteron 8378	5382	339	30.51	\$176.42*
[Dual CPU] Quad-Core AMD Opteron 8393 SE	6864	301	NA	NA
[Dual CPU] Six-Core AMD Opteron 2419 EE	5654	331	NA	NA
[Dual CPU] Six-Core AMD Opteron 2423 HE	5969	324	NA	NA
[Quad CPU] AMD Opteron 6128 HE	8323	259	NA	NA
[Quad CPU] AMD Opteron 6136	9767	224	6.80	\$1,436.00*
[Quad CPU] AMD Opteron 6174	8594	251	21.70	\$396.00
[Quad CPU] AMD Opteron 6272	12292	173	4.66	\$2,635.56
[Quad CPU] AMD Opteron 6274	10488	205	10.97	\$956.00
[Quad CPU] AMD Opteron 6276	15342	138	47.95	\$319.96
[Quad CPU] AMD Opteron 6278	12055	177	23.18	\$519.96
[Quad CPU] AMD Opteron 6282 SE	11044	198	21.24	\$519.96
[Quad CPU] AMD Opteron 6376	14681	145	56.47	\$260.00
[Quad CPU] AMD Opteron 6380	12442	168	34.56	\$359.96
[Quad CPU] AMD Opteron 8360 SE	6490	307	77.26	\$84.00*
[Quad CPU] AMD Opteron 8381 HE	6097	320	NA	NA
[Quad CPU] AMD Opteron 8382	8553	253	10.74	\$796.00*
[Quad CPU] AMD Opteron 8425 HE	7359	288	NA	NA
[Quad CPU] AMD Opteron 8431	8252	261	147.46	\$55.96*
[Quad CPU] AMD Opteron 8435	7099	294	24.65	\$288.00
[Quad CPU] AMD Opteron 8439 SE	8943	241	29.81	\$300.00*
[Quad CPU] Intel Xeon 3.00GHz	1472	420	NA	NA
[Quad CPU] Intel Xeon 3.40GHz	3395	380	NA	NA
[Quad CPU] Intel Xeon E5-4617 @ 2.90GHz	16874	121	46.92	\$359.60*
[Quad CPU] Intel Xeon E5-4620 @ 2.20GHz	15924	132	21.06	\$756.00*
[Quad CPU] Intel Xeon E5-4627 v2 @ 3.30GHz	24681	52	NA	NA
[Quad CPU] Intel Xeon E5-4650 @ 2.70GHz	21372	80	55.95	\$381.96*
[Quad CPU] Intel Xeon E7-4850 v2 @ 2.30GHz	16028	130	NA	NA
[Quad CPU] Intel Xeon E7-8880L v3 @ 2.00GHz	31897	17	NA	NA
[Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	17269	118	107.96	\$159.96*
[Quad CPU] Intel Xeon E7- 4860 @ 2.27GHz	17337	117	131.38	\$131.96*
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	14622	146	15.69	\$932.00*
[Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	12698	166	15.87	\$799.96*
[Quad CPU] Intel Xeon E7330 @ 2.40GHz	7021	296	20.65	\$340.00*
[Quad CPU] Intel Xeon E7430 @ 2.13GHz	7751	276	NA	NA
[Quad CPU] Intel Xeon E7440 @ 2.40GHz	10195	214	28.32	\$359.96*
[Quad CPU] Intel Xeon E7450 @ 2.40GHz	9573	229	40.56	\$236.00*
[Quad CPU] Intel Xeon E7520 @ 1.87GHz	9041	235	14.31	\$631.80*
[Quad CPU] Intel Xeon Gold 5122 @ 3.60GHz	26139	43	5.07	\$5,155.96
[Quad CPU] Intel Xeon Gold 6152 @ 2.10GHz	40785	2	2.71	\$15,039.96*

CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon L7455 @ 2.13GHz	9741	225	NA	NA
[Quad CPU] Intel Xeon Platinum 8180 @ 2.50GHz	44139	1	1.10	\$40,060.00*
[Quad CPU] Intel Xeon X7350 @ 2.93GHz	9542	230	66.28	\$143.96*
[Quad CPU] Intel Xeon X7460 @ 2.66GHz	12068	176	4.26	\$2,835.80*
CPU Name	Passmark CPU Mark (higher is better)	Rank (lower is better)	CPU Value (higher is better)	Price (USD)
[Quad CPU] Intel Xeon X7542 @ 2.67GHz	8636	250	6.36	\$1,356.96*
[Quad CPU] Intel Xeon X7550 @ 2.00GHz	11498	188	10.45	\$1,100.00*
[Quad CPU] Intel Xeon X7560 @ 2.27GHz	15414	137	175.16	\$88.00*
[Quad CPU] Quad-Core AMD Opteron 8356	7170	290	163.10	\$43.96*

* - Last price seen from our affiliates.

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