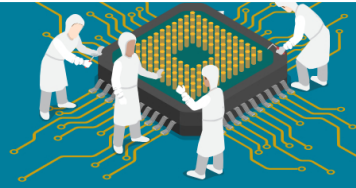


CPU Benchmarks

Over 1,000,000 CPUs Benchmarked



CPU Mega List

Below is a list of all single and multiple socket CPU types that appear in the charts. By clicking the column headings you can sort the CPUs, you can also filter your search by selecting one of the drop down categories or by using the range sliders. Clicking on a specific processor name will take you to the chart it appears in and will highlight it for you.



Last Updated: 7th of August 2023

Columns

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CPU Name	CPU Mark	Category
<input type="text" value="Search..."/>	<input type="text" value="21000"/> - <input type="text" value="27000"/>	<input type="text" value=""/>
⌵ [Dual CPU] Intel Xeon E5-2667 v3 @ 3.20GHz	21,003	Server
⌵ Intel Core i7-7900X @ 3.30GHz	21,008	Desktop
⌵ Intel Xeon W-2155 @ 3.30GHz	21,014	Server
⌵ AMD Ryzen 7 7735U	21,034	Laptop
⌵ [Dual CPU] Intel Xeon E5-2673 v2 @ 3.30GHz	21,039	Server
⌵ Intel Core i9-11900H @ 2.50GHz	21,043	Laptop
⌵ Intel Xeon E5-2686 v4 @ 2.30GHz	21,084	Server
⌵ Intel Core i7-11700F @ 2.50GHz	21,152	Desktop
⌵ AMD Ryzen 7 5800HS Creator Edition	21,166	Laptop
⌵ AMD Ryzen 7 5800H	21,225	Laptop
⌵ AMD Ryzen 9 5980HS	21,232	Laptop
⌵ Intel Core i9-7900X @ 3.30GHz	21,257	Desktop
⌵ [Quad CPU] Intel Xeon E5-4640 @ 2.40GHz	21,374	Server
⌵ [Quad CPU] Intel Xeon E7- 4850 @ 2.00GHz	21,385	Server
⌵ [Dual CPU] Intel Xeon E5-2690 v2 @ 3.00GHz	21,412	Server
⌵ Intel Xeon Gold 6136 @ 3.00GHz	21,413	Server
⌵ Intel Core i5-12600	21,424	Desktop
⌵ Intel Xeon Gold 5218T @ 2.10GHz	21,433	Server
⌵ [Dual CPU] Intel Xeon E5-2680 v2 @ 2.80GHz	21,443	Server
⌵ [Dual CPU] Intel Xeon E5-2640 v4 @ 2.40GHz	21,539	Server
⌵ [Dual CPU] Intel Xeon E5-4657L v2 @ 2.40GHz	21,548	Server
⌵ Intel Core i9-11950H @ 2.60GHz	21,555	Laptop
⌵ Intel Xeon E5-2673 v4 @ 2.30GHz	21,576	Server
⌵ AMD EPYC 7551	21,600	Server
⌵ Intel Xeon E7-8891 v3 @ 2.80GHz	21,615	Server
⌵ Intel Xeon E5-2697A v4 @ 2.60GHz	21,616	Server
⌵ AMD Ryzen 5 5600	21,649	Desktop
⌵ Apple M2 Pro 10 Core 3480 MHz	21,649	Desktop, Laptop
⌵ Intel Core i5-12500H	21,653	Laptop
⌵ [Dual CPU] Intel Xeon E5-2663 v3 @ 2.80GHz	21,671	Server
⌵ Intel Core i9-10910 @ 3.60GHz	21,744	Desktop
⌵ Intel Xeon Gold 6130T @ 2.10GHz	21,804	Server
⌵ Intel Core i7-12700T	21,845	Desktop
⌵ [Dual CPU] Intel Xeon E5-2658 v3 @ 2.20GHz	21,856	Server
⌵ Intel Core i9-9900X @ 3.50GHz	21,873	Desktop
⌵ Apple M1 Pro 10 Core 3200 MHz	21,875	Desktop, Laptop
⌵ [Dual CPU] Intel Xeon E5-2676 v3 @ 2.40GHz	21,875	Server
⌵ [Quad CPU] Intel Xeon E7- 8837 @ 2.67GHz	21,891	Server
⌵ AMD Ryzen 5 PRO 5645	21,904	Desktop
⌵ [Dual CPU] Intel Xeon E5-2670 v3 @ 2.30GHz	21,918	Server
⌵ AMD Ryzen 9 5900HS	21,919	Laptop

AMD Ryzen 5 5600X	21,948	Desktop
AMD EPYC 7281	21,981	Server
AMD Ryzen 5 5600X3D	21,994	Desktop
AMD Ryzen 7 PRO 6850HS	22,044	Laptop
AMD Ryzen 7 PRO 5750GE	22,050	Desktop
AMD Ryzen Threadripper 1920	22,066	Desktop
[Dual CPU] Intel Xeon Gold 5215 @ 2.50GHz	22,066	Server
Apple M1 Max 10 Core 3200 MHz	22,081	Desktop, Laptop
AMD Ryzen 9 5900HS Creator Edition	22,138	Unknown
Intel Xeon Gold 6334 @ 3.60GHz	22,160	Server
[Dual CPU] Intel Xeon E5-4627 v4 @ 2.60GHz	22,162	Server
AMD Ryzen 7 5700GE	22,196	Desktop
[Dual CPU] Intel Xeon E5-2660 v3 @ 2.60GHz	22,221	Server
Intel Xeon W-2255 @ 3.70GHz	22,234	Desktop, Server
Intel Xeon E5-2699C v4 @ 2.20GHz	22,308	Server
Intel Xeon Gold 5218 @ 2.30GHz	22,376	Server
[Dual CPU] Intel Xeon Silver 4215 @ 2.50GHz	22,379	Server
AMD Ryzen 9 6900HS Creator Edition	22,407	Laptop
[Dual CPU] Intel Xeon E5-2695 v2 @ 2.40GHz	22,444	Server
Intel Xeon E-2378G @ 2.80GHz	22,467	Server
Intel Core i9-10900X @ 3.70GHz	22,488	Desktop
Intel Core i7-1370P	22,489	Laptop
Intel Core i5-1350P	22,544	Laptop
[Dual CPU] Intel Xeon E5-4640 v4 @ 2.10GHz	22,559	Server
AMD Ryzen 9 PRO 6950H	22,579	Laptop
Intel Xeon E5-2699A v4 @ 2.40GHz	22,586	Server
Intel Core i9-10850K @ 3.60GHz	22,636	Desktop
AMD Ryzen 7 3700X	22,646	Desktop
AMD Ryzen 7 6800HS Creator Edition	22,647	Laptop
[Dual CPU] Intel Xeon Silver 4210R @ 2.40GHz	22,667	Server
Intel Xeon Platinum P-8124 @ 3.00GHz	22,674	Server
Intel Xeon Gold 6132 @ 2.60GHz	22,696	Server
[Dual CPU] Intel Xeon E5-2650 v4 @ 2.20GHz	22,703	Server
[Dual CPU] Intel Xeon Gold 6128 @ 3.40GHz	22,711	Server
Intel Xeon W-1290P @ 3.70GHz	22,730	Server
Intel Core i9-11900F @ 2.50GHz	22,756	Desktop
[Dual CPU] Intel Xeon E5-2673 v3 @ 2.40GHz	22,790	Server
Intel Xeon Silver 4310 @ 2.10GHz	22,797	Server
AMD Ryzen 9 5900HX	22,801	Laptop
Intel Core i9-10900KF @ 3.70GHz	22,870	Desktop
Intel Core i7-11700B @ 3.20GHz	22,910	Desktop
[Dual CPU] Intel Xeon E5-2697 v2 @ 2.70GHz	22,931	Server
Intel Core i9-11900 @ 2.50GHz	22,969	Desktop
Intel Core i9-11900KB @ 3.30GHz	22,974	Desktop
AMD Ryzen 7 PRO 3700	22,977	Desktop
Intel Xeon W-11955M @ 2.60GHz	22,996	Laptop, Server
AMD Ryzen 7 6800HS	23,002	Laptop
Intel Core i5-12600H	23,012	Laptop
Intel Core i5-13500T	23,016	Desktop
AMD Ryzen Threadripper 1920X	23,024	Desktop
Intel Core i9-11980HK @ 2.60GHz	23,052	Laptop
Intel Xeon E5-2696 v3 @ 2.30GHz	23,102	Server
AMD Ryzen 7 PRO 6850H	23,104	Laptop
Intel Xeon E5-2698 v4 @ 2.20GHz	23,138	Server
Intel Xeon Platinum 8176 @ 2.10GHz	23,179	Server
Intel Xeon W-2175 @ 2.50GHz	23,202	Server
Intel Core i5-13500H	23,206	Laptop
Intel Core i9-10900K @ 3.70GHz	23,208	Desktop
AMD Ryzen 7 3800X	23,237	Desktop
AMD Ryzen 9 PRO 6950HS	23,295	Laptop
Intel Xeon Gold 6146 @ 3.20GHz	23,296	Server
AMD EPYC 7F32	23,311	Server
[Quad CPU] Intel Xeon E5-4610 @ 2.40GHz	23,354	Server
AMD Ryzen 5 7640HS	23,367	Laptop
AMD EPYC 7351	23,566	Server
Intel Core i9-7920X @ 2.90GHz	23,575	Desktop
[Dual CPU] Intel Xeon E5-2696 v2 @ 2.50GHz	23,625	Server
Intel Xeon E-2388G @ 3.20GHz	23,668	Server
AMD Ryzen 9 5980HX	23,694	Laptop
Intel Xeon W-11865MRE @ 2.60GHz	23,702	Server, Mobile/Embedded
AMD Ryzen 7 3800XT	23,714	Desktop
Intel Core i7-13705H	23,753	Laptop
Intel Xeon Gold 6122 @ 1.80GHz	23,781	Server

Intel Xeon Gold 6140 @ 2.30GHz	23,782	Server
[Dual CPU] Intel Xeon E5-2687W v3 @ 3.10GHz	23,802	Server
AMD Ryzen 7 6800H	23,805	Laptop
[Dual CPU] Intel Xeon Silver 4210 @ 2.20GHz	23,854	Server
AMD Ryzen 7 7736U	23,860	Laptop
Intel Xeon W-1390 @ 2.80GHz	23,902	Server
Intel Core i7-12650H	23,905	Laptop
Intel Core i5-12600HX	23,908	Laptop
Intel Xeon W-1370 @ 2.90GHz	23,908	Desktop, Server
[Dual CPU] Intel Xeon E5-2666 v3 @ 2.90GHz	23,913	Server
[Dual CPU] Intel Xeon Gold 5118 @ 2.30GHz	23,938	Server
[Dual CPU] Intel Xeon Silver 4116 @ 2.10GHz	24,050	Server
AMD Ryzen 9 6900HS	24,051	Laptop
Intel Xeon W-2170B @ 2.50GHz	24,064	Server
[Dual CPU] Intel Xeon E5-2683 v3 @ 2.00GHz	24,069	Server
Intel Core i7-11700KF @ 3.60GHz	24,091	Desktop
[Dual CPU] Intel Xeon Silver 4215R @ 3.20GHz	24,102	Server
Intel Xeon E5-2679 v4 @ 2.50GHz	24,131	Server
Intel Xeon Gold 5220 @ 2.20GHz	24,154	Server
[Quad CPU] Intel Xeon E7- 4870 @ 2.40GHz	24,172	Server
AMD Ryzen 7 7735HS	24,239	Laptop
AMD Ryzen 7 7735H	24,327	Laptop
[Dual CPU] Intel Xeon E5-2667 v4 @ 3.20GHz	24,364	Server
[Dual CPU] Intel Xeon E5-2680 v3 @ 2.50GHz	24,367	Server
AMD Ryzen 7 5700	24,385	Desktop
[Dual CPU] Intel Xeon E5-4660 v4 @ 2.20GHz	24,421	Server
[Quad CPU] Intel Xeon E7- 8870 @ 2.40GHz	24,434	Server
AMD Ryzen 7 PRO 7840HS	24,445	Laptop
Intel Xeon Gold 6246 @ 3.30GHz	24,446	Server
AMD Ryzen 7 PRO 5750G	24,511	Desktop
Intel Xeon E5-2696 v4 @ 2.20GHz	24,595	Server
Intel Core i5-12600HE	24,599	Mobile/Embedded
Intel Core i7-11700K @ 3.60GHz	24,670	Desktop
Intel Xeon Gold 6152 @ 2.10GHz	24,680	Server
AMD Ryzen 7 5700G	24,681	Desktop
[Dual CPU] Intel Xeon E5-2678 v3 @ 2.50GHz	24,698	Server
Intel Xeon Gold 6143 @ 2.80GHz	24,786	Server
Intel Xeon Gold 6138T @ 2.00GHz	24,800	Server
Intel Xeon E5-2699 v4 @ 2.20GHz	24,859	Server
AMD EPYC 7501	24,925	Server
Intel Xeon W-1370P @ 3.60GHz	24,961	Desktop, Server
Intel Core i7-12800H	24,968	Laptop
AMD Ryzen 9 6900HX	24,975	Laptop
AMD Ryzen Threadripper 2920X	25,014	Desktop
Intel Xeon Gold 5415+	25,033	Server
[Dual CPU] Intel Xeon E7-4890 v2 @ 2.80GHz	25,055	Server
Intel Core i9-9920X @ 3.50GHz	25,323	Desktop
Intel Core i5-13600H	25,354	Laptop
Intel Xeon Platinum 8167M @ 2.00GHz	25,396	Server
Intel Core i9-11900KF @ 3.50GHz	25,405	Desktop
[Dual CPU] AMD EPYC 7351	25,431	Server
[Dual CPU] Intel Xeon E5-2650L v4 @ 1.70GHz	25,440	Server
Intel Xeon W-1390P @ 3.50GHz	25,451	Desktop, Server
[Dual CPU] Intel Xeon Gold 5217 @ 3.00GHz	25,455	Server
Intel Core i9-11900K @ 3.50GHz	25,459	Desktop
AMD EPYC 7351P	25,484	Server
Intel Core i5-13400	25,505	Desktop
AMD EPYC 7272	25,568	Server
Intel Xeon E5-2698R v4 @ 2.20GHz	25,605	Server
[Dual CPU] Intel Xeon Silver 4214 @ 2.20GHz	25,676	Server
Intel Core i5-13400F	25,719	Desktop
Intel Core i5-13600T	25,852	Desktop
AMD Ryzen 7 5800	25,875	Desktop
Intel Xeon W-3323 @ 3.50GHz	25,875	Desktop, Server
Intel Xeon Gold 5218R @ 2.10GHz	25,916	Server
Intel Xeon W-2265 @ 3.50GHz	25,965	Server
[Dual CPU] Intel Xeon E7-8880 v2 @ 2.50GHz	25,966	Server
AMD Ryzen Z1 Extreme	26,032	Mobile/Embedded
Intel Xeon W-3235 @ 3.30GHz	26,092	Server
Intel Core i5-13450HX	26,224	Laptop
Apple M2 Max 12 Core 3680 MHz	26,251	Laptop
Intel Xeon Gold 6242 @ 2.80GHz	26,288	Server
AMD Ryzen 7 PRO 5845	26,305	Desktop

Processor	Value	Category
Intel Core i9-7940X @ 3.10GHz	26,316	Desktop
Intel Xeon D-2796TE @ 2.00GHz	26,342	Server
Intel Core i9-10920X @ 3.50GHz	26,361	Desktop
Apple M2 Pro 12 Core 3480 MHz	26,447	Laptop
Intel Core i9-12900E	26,582	Mobile/Embedded
Intel Core i7-12700H	26,597	Laptop
Intel Xeon Platinum 8175M @ 2.50GHz	26,659	Server
Intel Xeon Gold 6226R @ 2.90GHz	26,667	Server
[Dual CPU] Intel Xeon E5-2690 v3 @ 2.60GHz	26,739	Server
AMD Ryzen 7 5700X	26,812	Desktop
[Dual CPU] Intel Xeon Gold 5117 @ 2.00GHz	26,863	Server
Intel Xeon Gold 6150 @ 2.70GHz	26,905	Server

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Notes:

- ¹ Price is obtained from our affiliates. "*" after the price denotes the last seen price for products that are no longer available.
- ² CPU Value is calculated by taking CPU Mark / Price.
- ³ Single Thread Value is calculated by taking Single Thread CPU Mark / Price.
- ⁴ Power Performance is calculated by taking CPU Mark / TDP.
- ⁵ Test Date is the date of our first benchmark submission.



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- > MemTest86
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- > Free Software

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- > USB2.0 Loopback Plugs
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- > USB Power Delivery Tester
- > Serial and Parallel Loopback Plugs
- > USB Short Circuit Testers

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