

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: 2nd of December 2024

Columns

Show entries

CPU Name	CPU Mark	Thread Mark	TDP (W)	Socket	Category
<input type="text" value="Search..."/>	18000 - 24000	Min... - Max...	Min... - Max...		Desktop
AMD Ryzen 7 7435HS	23,949	3,228	45	FP7r2	Desktop, Laptop
Intel Core i7-11700KF @ 3.60GHz	23,921	3,380	125	FCLGA1200	Desktop
AMD Ryzen 7 8840U	23,875	3,695	28	FP7 FP7r2 FP8	Desktop, Laptop
Intel Core i9-7920X @ 2.90GHz	23,651	2,507	140	FCLGA2066	Desktop
AMD Ryzen 7 3800XT	23,607	2,803	105	AM4	Desktop
Intel Core i5-13500T	23,329	3,638	35	FCLGA1700	Desktop
Intel Xeon W-1370P @ 3.60GHz	23,306	3,479	125	FCLGA1200	Desktop, Server
Intel Core i5-13400	23,212	3,462	154	FCLGA1700	Desktop
Intel Core i5-14400T	23,176	3,423	82	FCLGA1700	Desktop
AMD Ryzen 7 3800X	23,139	2,717	105	AM4	Desktop
AMD Ryzen Threadripper 1920X	23,088	2,316	180	sTR4	Desktop
Intel Xeon W-1370 @ 2.90GHz	22,926	3,478	80	FCLGA1200	Desktop, Server
AMD Ryzen AI 7 PRO 360	22,919	4,016	28	FP8	Desktop, Laptop
AMD Ryzen 7 PRO 3700	22,899	2,686	65	AM4	Desktop
Intel Core i9-11900KB @ 3.30GHz	22,891	3,305	65	FCBGA1787	Desktop
AMD Ryzen 5 8645HS	22,833	3,711	45	FP7 , FP7r2 , FP	Desktop, Laptop
Intel Core i9-10900K @ 3.70GHz	22,752	3,127	125	FCLGA1200	Desktop
Intel Core i9-11900 @ 2.50GHz	22,658	3,384	65	FCLGA1200	Desktop
AMD Ryzen 7 3700X	22,535	2,660	65	AM4	Desktop
Intel Core i9-10900KF @ 3.70GHz	22,511	3,116	125	FCLGA1200	Desktop
Intel Core i9-10900X @ 3.70GHz	22,460	2,678	165	FCLGA2066	Desktop
AMD Ryzen 7 5700GE	22,436	3,352	35	AM4	Desktop
Intel Xeon W-2255 @ 3.70GHz	22,384	2,709	165	FCLGA2066	Desktop, Server
Intel Core i9-10850K @ 3.60GHz	22,346	3,076	125	FCLGA1200	Desktop
Intel Core i7-11700B @ 3.20GHz	22,278	3,304	65	Unknown	Desktop
AMD Ryzen 5 PRO 8500G	22,216	3,992	65	AM5	Desktop
Intel Core i9-11900F @ 2.50GHz	22,197	3,402	65	FCLGA1200	Desktop

CPU Name

CPU Mark

Thread Mark

TDP (W)

Socket

Category

 CPU Benchmarks ▼

AMD Ryzen 5 PRO 8500GE	22,080	3,982	35	AM5	Desktop
AMD Ryzen Threadripper 1920	22,066	2,299	140	sTR4	Desktop
AMD Ryzen 5 5600X3D	21,934	3,194	105	AM4	Desktop
AMD Ryzen 5 PRO 5645	21,904	3,441	NA	AM4	Desktop
AMD Ryzen 5 5600X	21,888	3,361	65	AM4	Desktop
Apple M1 Pro 10 Core 3200 MHz	21,868	3,801	NA	Unknown	Desktop, Laptop
AMD Ryzen 7 PRO 5750GE	21,859	3,303	35	AM4	Desktop
AMD Ryzen 5 5600T	21,858	3,381	65	AM4	Desktop
Intel Core i9-9900X @ 3.50GHz	21,844	2,559	165	FCLGA2066	Desktop
Apple M2 Pro 10 Core 3480 MHz	21,762	4,101	NA	Unknown	Desktop, Laptop
AMD Ryzen 5 8500G	21,743	3,917	65	AM5	Desktop
Intel Core i5-12600	21,585	3,830	65	LGA 1700	Desktop
AMD Ryzen 5 5600	21,576	3,258	65	AM4	Desktop
Intel Core i9-10910 @ 3.60GHz	21,483	3,164	125	FCLGA1200	Desktop
AMD Ryzen 5 PRO 8640HS	21,401	3,707	28	FP7 FP7r2	Desktop, Laptop, Server
Intel Core i7-12700T	21,331	3,606	35	FCLGA1700	Desktop
AMD Ryzen 5 PRO 7640U	21,287	3,726	28	FP7 FP7r2 FP8	Desktop, Laptop
Apple M4 8 Core	21,144	4,537	22	Unknown	Desktop
Intel Core i9-7900X @ 3.30GHz	21,041	2,552	140	FCLGA2066	Desktop
Intel Core i7-7900X @ 3.30GHz	21,008	2,455	140	FCLGA2066	Desktop
Intel Core i7-11700F @ 2.50GHz	20,999	3,282	65	FCLGA1200	Desktop
AMD Ryzen 5 8640U	20,971	3,547	28	FP7 FP7r2 FP8	Desktop, Laptop
AMD Ryzen 5 PRO 5650G	20,747	3,250	65	AM4	Desktop
Intel Core i5-13400T	20,489	3,478	82	FCLGA1700	Desktop
AMD Ryzen 7 PRO 4750G	20,451	2,715	65	AM4	Desktop
AMD Ryzen 5 5600GT	20,344	3,347	65	AM4	Desktop
AMD Ryzen 5 8640HS	20,336	3,675	28	FP7 , FP7r2 , FP	Desktop, Laptop
AMD Ryzen 5 PRO 5655G	20,261	3,252	65	AM4	Desktop
AMD Ryzen 5 5500GT	20,232	3,219	65	AM4	Desktop
Intel Core i9-9820X @ 3.30GHz	20,229	2,458	165	FCLGA2066	Desktop
Intel Core i5-12490F	20,194	3,670	65	LGA1700	Desktop
AMD Ryzen 7 4700G	20,150	2,739	65	AM4	Desktop
AMD Ryzen 5 8500GE	20,142	3,908	35	AM5	Desktop
Intel Core i9-10900F @ 2.80GHz	19,934	3,029	65	FCLGA1200	Desktop
Intel Core i5-12500	19,912	3,686	65	LGA 1700	Desktop
AMD Ryzen 5 5600G	19,871	3,190	65	AM4	Desktop
AMD Ryzen 7 4700GE	19,831	2,681	35	AM4	Desktop
AMD Ryzen 7 PRO 4700G	19,786	2,668	65	AM4	Desktop
Intel Core i9-10900 @ 2.80GHz	19,776	3,027	65	FCLGA1200	Desktop
[Dual CPU] Intel Core i5-12400F	19,680	3,630	65	FCLGA1700	Desktop
Intel Core i7-11700 @ 2.50GHz	19,679	3,118	95	FCLGA1200	Desktop
Intel Core i5-11600KF @ 3.90GHz	19,634	3,340	125	FCLGA1200	Desktop
Intel Core i5-11600K @ 3.90GHz	19,584	3,349	125	FCLGA1200	Desktop
Intel Core i5-12400F	19,525	3,501	65	FCLGA1700	Desktop
Intel Core i9-9900KS @ 4.00GHz	19,472	3,036	127	FCLGA1151-2	Desktop
Intel Core i9-10900E @ 2.80GHz	19,469	2,891	65	FCLGA1200	Desktop, Mobile/Embedded
AMD Ryzen 5 5500	19,395	3,059	65	AM4	Desktop
Intel Core i5-12400	19,354	3,518	65	LGA 1700	Desktop
Apple M3 8 Core	19,214	4,754	20	Unknown	Desktop, Laptop, Mobile/Embedded

CPU Name	CPU Mark	Thread Mark	TDP (W)	Socket	Category
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 CPU Benchmarks ▼

Intel Core i7-10700K @ 3.80GHz	18,762	3,050	125	FCLGA1200	Desktop
AMD Ryzen 5 PRO 5655GE	18,734	3,248	35	AM4	Desktop
AMD Ryzen 5 5600GE	18,656	3,217	35	AM4	Desktop
AMD Ryzen 5 8540U	18,641	3,714	28	FP7 FP7r2	Desktop, Laptop
AMD Ryzen 5 3600XT	18,638	2,760	95	AM4	Desktop
Intel Core i7-10700KF @ 3.80GHz	18,561	3,040	125	FCLGA1200	Desktop
AMD Ryzen 7 PRO 4750GE	18,456	2,684	35	AM4	Desktop
AMD Ryzen 5 PRO 5650GE	18,367	3,180	35	AM4	Desktop
Intel Core i9-9900K @ 3.60GHz	18,257	2,928	95	FCLGA1151-2	Desktop
Intel Core i9-9900KF @ 3.60GHz	18,244	2,923	95	FCLGA1151-2	Desktop
AMD Ryzen 5 3600X	18,189	2,652	95	AM4	Desktop
Intel Core i7-9800X @ 3.80GHz	18,090	2,572	165	FCLGA2066	Desktop
AMD Ryzen 5 PRO 8540U	18,084	3,523	28	FP7 FP7r2	Desktop, Laptop, Mobile/Embedded
Intel Core i5-11600 @ 2.80GHz	18,048	3,293	65	FCLGA1200	Desktop

Showing 1 to 92 of 92 entries (filtered from 5,493 total entries)

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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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