

CPU Benchmarks

Over 1,000,000 CPUs Benchmarked

New Laptop CPU Performance

This chart comparing performance of CPUs designed for laptop and portable machines is made using thousands of PerformanceTest benchmark results and is updated daily.

Notes:

- While we try to keep this chart mainly desktop CPU free, there might be some desktop processors in the list. This is because the classification of a laptop CPU is determined at result submission time by the user of PerformanceTest. Some users incorrectly clicked the "Laptop" check box.
- The chart shows only CPUs that had their benchmark first submitted within the last 24 months. Older laptop CPUs may not appear.

CPUS

Multithread
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Single Thread
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Best Value (On Market)
Best Value XY Scatter
Best Value (All time)

New Desktop
New Laptop
New Server
New Mobile

Systems with Multiple CPUs
Overclocked
Power Performance
CPU Mark by Socket Type
Cross-Platform CPU Performance
Top Gaming CPUs

CPU Mega List
Search Model

Compare 0

Common
Most Benchmarked

AMD vs Intel Market Share

CPU Mark | Price Performance | Sorted by Date

PassMark - CPU Mark

Laptop & Portable CPU Performance

Updated 4th of September 2026

CPU	CPU Mark	Price (USD)
AMD Ryzen 9 9955HX3D	62,395	NA
Intel Core Ultra 9 290HX Plus	58,817	NA
Apple M5 Max 18 Core	57,491	NA
Apple M5 Pro 18 Core	57,093	NA
Intel Core Ultra 9 285HX	56,543	NA
AMD Ryzen 9 9955HX	56,309	NA
Intel Core Ultra 9 275HX	55,728	NA
AMD Ryzen AI Max+ 395	54,908	NA
AMD Ryzen AI Max+ Pro 395	51,856	NA
AMD Ryzen 9 9850HX	51,722	NA
AMD Ryzen 9 8945HX	51,365	NA
AMD Ryzen 9 8940HX	49,580	NA
Intel Core Ultra 7 270HX Plus	49,310	NA
Apple M5 Pro 15 Core	48,696	NA
Intel Core Ultra 7 255HX	48,061	NA
Intel Core Ultra 7 265HX	47,664	NA
Intel Core Ultra 7 251HX	47,250	NA
AMD RYZEN AI MAX+ 392	45,438	NA
Apple M4 Max 16 Core	43,906	NA
AMD Ryzen AI Max Pro 390	42,827	NA
AMD Ryzen 7 8840HX	42,619	NA
AMD Ryzen AI Max 390	41,726	NA
Intel Core 7 245HX	41,634	NA
AMD Ryzen 7 7840HX	41,530	NA
Intel Core Ultra 5 235HX	40,902	NA
Apple M4 Max 14 Core	38,387	NA
Intel Core Ultra X9 378H	38,212	NA
Apple M4 Pro 14 Core	37,981	NA
AMD Ryzen AI 9 HX 470	36,969	NA
AMD Ryzen AI 9 HX PRO 475	36,498	NA

Intel Core Ultra 7 356H	34,173	NA
Intel Core Ultra 7 265H	34,040	NA
Intel Core Ultra 7 366H	33,902	NA
AMD Ryzen AI 9 HX PRO 375	33,730	NA
Intel Core Ultra X7 358H	33,714	NA
AMD Ryzen AI Max 385	33,643	NA
Intel Core Ultra X7 368H	33,350	NA
AMD Ryzen AI 9 HX PRO 370	33,297	NA
Apple M4 Pro 12 Core	32,707	NA
AMD Ryzen AI 9 H 465	32,446	NA
AMD Ryzen 7 7700G	32,432	NA
AMD Ryzen AI Max Pro 385	31,931	NA
Qualcomm Snapdragon X Elite - X1E001DE	31,863	NA
AMD Ryzen 7 8745HX	31,484	NA
AMD Ryzen AI 9 PRO 465	31,434	NA
Intel Core Ultra 5 235H	30,143	NA
AMD Ryzen AI 9 465	29,417	NA
AMD Ryzen AI 9 H 365	29,416	NA
Intel Core i7-13645HX	29,348	NA
AMD Ryzen 7 8745H	29,058	NA
AMD Ryzen 9 H 270	29,010	NA
AMD Ryzen 9 270	28,947	NA
AMD Ryzen 7 255	28,738	NA
AMD Ryzen 7 8745HS	28,555	NA
Intel Core 9 270H	28,311	NA
Intel Core Ultra 5 336H	28,219	NA
AMD Ryzen 7 H 260	28,197	NA
Intel Core Ultra 5 225H	28,122	NA
AMD Ryzen 7 H 255	28,100	NA
AMD Ryzen 7 260	27,999	NA
AMD Ryzen 7 PRO 8840H	27,994	NA
Intel Core Ultra 5 338H	27,818	NA
AMD Ryzen 9 6980HX	26,817	NA
Apple M5 10 Core	26,710	NA
Intel Core 7 250H	26,385	NA
AMD Ryzen AI 7 450	26,004	NA
Intel Core 7 230H	25,332	NA
AMD Ryzen AI 7 PRO H 450	25,324	NA
AMD Ryzen AI 7 PRO 450	25,112	NA
AMD Ryzen AI 7 350	24,938	NA
AMD Ryzen 7 H 250	24,508	NA
AMD Ryzen AI Max Pro 380	24,244	NA
AMD Ryzen AI 7 PRO 350	24,010	NA
AMD Ryzen 5 PRO 8645HS	23,569	NA
Intel Core i5-12500HL	23,342	$279.00*
AMD Ryzen 7 7435H	22,919	NA
AMD Ryzen 5 PRO 8640U	22,795	NA
AMD Ryzen 7 6810U	22,741	NA
AMD Ryzen 5 240	22,657	NA
AMD Ryzen AI 7 PRO 360	22,124	NA
Intel Core 5 220H	21,884	NA
Intel Core i5-14401EF	21,367	NA
AMD Ryzen 7 PRO 250	21,251	NA
AMD Ryzen AI 5 PRO 440	21,132	NA

Intel Core Ultra 9 288V	19,813	NA
AMD Ryzen 7 7445H	19,643	NA
AMD Ryzen AI 5 340	19,521	NA
AMD Ryzen 5 230	19,492	NA
Intel Core Ultra 7 256V	19,474	NA
AMD Ryzen 7 PRO 5800H	19,461	NA
Intel Core Ultra 7 266V	19,459	$520.00*
Intel Core Ultra 5 325	19,455	NA
AMD Ryzen 5 7640S	19,339	NA
AMD Ryzen AI 5 PRO 340	19,237	NA
AMD Ryzen 5 PRO 230	19,104	NA
Intel Core Ultra 7 258V	18,888	NA
AMD Ryzen AI 5 PRO 435	18,791	NA
AMD Ryzen AI 5 435	18,754	NA
AMD Ryzen 5 PRO 7545U	18,744	NA
AMD Ryzen 5 220	18,582	NA
AMD Ryzen 7 7445HS	18,502	NA
AMD Ryzen 5 PRO 220	18,326	NA
Intel Core Ultra 5 228V	18,208	NA
AMD Ryzen AI 7 445	18,161	NA
Intel Core 5 210H	18,150	NA
AMD Ryzen 5 PRO 215	17,898	NA
Intel Core Ultra 5 226V	17,867	NA
Intel Core Ultra 7 255U	17,850	NA
Snapdragon X Plus - X1P42100 - Qualcomm Oryon	17,848	NA
Intel Core Ultra 5 225U	17,703	NA
Intel Core Ultra 7 265U	17,529	NA
Intel Core Ultra 5 235U	17,356	$332.00*
AMD Ryzen 5 150	16,835	NA
Snapdragon X - X126100 - Qualcomm Oryon	16,347	NA
AMD Ryzen 9 4950U Mobile	16,290	NA
AMD Ryzen 7 160	15,643	NA
Intel Core Ultra 5 332	14,994	NA
Intel Core Ultra 5 322	14,743	NA
AMD Ryzen 5 7533HS	14,732	NA
Intel Core 5 220U	14,278	NA
AMD Ryzen 5 7535H	14,065	NA
AMD Ryzen AI 5 330 with Radeon 890M	13,880	NA
Intel Core 7 250U	13,795	NA
AMD Ryzen 3 210	13,565	NA
AMD Ryzen AI 5 430	13,258	NA
Intel CoreTM Ultra 5 115U	12,771	NA
AMD Ryzen AI 5 330	12,760	NA
AMD Ryzen 3 PRO 210	12,323	NA
Intel Core Ultra 5 115U	11,783	NA
Apple A18 Pro (MacBook Neo)	11,772	NA
Intel Core 3 304	11,514	NA
AMD Ryzen 5 40	9,279	NA
CIX P1 CD8180	9,277	NA
AMD Ryzen 3 30	9,027	NA
Fabrikams XY9 @ 3.15 GHz	6,715	NA
AMD Ryzen 5 3501U	6,578	NA
AMD Ryzen 3 3500U	5,946	NA
AMD Athlon Silver 10	3,543	NA