

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.

CPU Mark	Price Performance
Sorted by Date	

PassMark - CPU Mark

Laptop & Portable CPU Performance

Updated 23rd of July 2025

CPU	CPU Mark	Price (USD)
<a href="#">Intel Core Ultra 9 285HX</a>	<a href="#">62,189</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 9955HX3D</a>	<a href="#">61,497</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 7945HX3D</a>	<a href="#">57,680</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 9955HX</a>	<a href="#">57,615</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 9 275HX</a>	<a href="#">56,253</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 8940HX</a>	<a href="#">54,945</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 7940HX</a>	<a href="#">53,928</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI Max+ 395</a>	<a href="#">53,110</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI Max+ Pro 395</a>	<a href="#">52,174</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 8945HX</a>	<a href="#">51,182</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 255HX</a>	<a href="#">50,662</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 265HX</a>	<a href="#">49,826</a>	<a href="#">NA</a>
<a href="#">Intel Core i9-14900HX</a>	<a href="#">45,372</a>	<a href="#">\$679.00*</a>
<a href="#">Apple M4 Max 16 Core</a>	<a href="#">43,816</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI Max Pro 390</a>	<a href="#">43,189</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 7840HX</a>	<a href="#">42,614</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI Max 390</a>	<a href="#">42,429</a>	<a href="#">NA</a>
<a href="#">Apple M3 Max 16 Core</a>	<a href="#">41,231</a>	<a href="#">NA</a>
<a href="#">Apple M4 Max 14 Core</a>	<a href="#">38,415</a>	<a href="#">NA</a>
<a href="#">Apple M4 Pro 14 Core</a>	<a href="#">38,240</a>	<a href="#">NA</a>



<a href="#">Intel Core i7-14700HX</a>	<a href="#">37,161</a>	<a href="#">\$495.00*</a>
<a href="#">Apple M3 Max 14 Core</a>	<a href="#">36,473</a>	<a href="#">NA</a>
<a href="#">Intel Core i7-14650HX</a>	<a href="#">34,916</a>	<a href="#">\$495.00*</a>
<a href="#">Intel Core Ultra 7 265H</a>	<a href="#">34,040</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 9 HX PRO 375</a>	<a href="#">33,611</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI Max Pro 385</a>	<a href="#">33,441</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 9 HX 375</a>	<a href="#">32,954</a>	<a href="#">NA</a>
<a href="#">Apple M4 Pro 12 Core</a>	<a href="#">32,930</a>	<a href="#">NA</a>
<a href="#">Qualcomm Snapdragon X Elite - X1E001DE</a>	<a href="#">31,863</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 9 HX PRO 370</a>	<a href="#">31,562</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 270</a>	<a href="#">31,301</a>	<a href="#">NA</a>
<a href="#">Intel Core 9 270H</a>	<a href="#">31,123</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 255</a>	<a href="#">31,072</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 8945H</a>	<a href="#">30,338</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 H 260</a>	<a href="#">30,068</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 260</a>	<a href="#">30,050</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 8945HS</a>	<a href="#">29,781</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8745H</a>	<a href="#">29,692</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 9 PRO 8945HS</a>	<a href="#">29,613</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 9 365</a>	<a href="#">29,467</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 9 185H</a>	<a href="#">29,368</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 5 225H</a>	<a href="#">29,274</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8745HS</a>	<a href="#">29,267</a>	<a href="#">NA</a>
<a href="#">Intel Core i5-14500HX</a>	<a href="#">29,125</a>	<a href="#">\$337.00*</a>
<a href="#">AMD Ryzen 7 PRO 8845HS</a>	<a href="#">29,008</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 9 H 365</a>	<a href="#">28,941</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8845HS</a>	<a href="#">28,504</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 5 235H</a>	<a href="#">28,379</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8845H</a>	<a href="#">27,231</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 PRO 8840HS</a>	<a href="#">27,038</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 7645HX</a>	<a href="#">26,476</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 165H</a>	<a href="#">25,911</a>	<a href="#">NA</a>
<a href="#">Intel Core 7 250H</a>	<a href="#">25,655</a>	<a href="#">NA</a>
<a href="#">Qualcomm Snapdragon X Elite - X1E-84-100</a>	<a href="#">25,101</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8840HS</a>	<a href="#">24,993</a>	<a href="#">NA</a>
<a href="#">Apple M3 Pro 11 Core</a>	<a href="#">24,874</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 155H</a>	<a href="#">24,873</a>	<a href="#">\$503.00*</a>
<a href="#">AMD Ryzen AI 7 350</a>	<a href="#">24,629</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 7435H</a>	<a href="#">24,156</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen AI 7 PRO 350</a>	<a href="#">24,129</a>	<a href="#">NA</a>
<a href="#">Apple M3 Pro 12 Core</a>	<a href="#">23,960</a>	<a href="#">NA</a>
<a href="#">Apple M4 10 Core</a>	<a href="#">23,953</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 PRO 8840U</a>	<a href="#">23,821</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 7840S</a>	<a href="#">23,689</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 PRO 8640U</a>	<a href="#">23,509</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 7435HS</a>	<a href="#">23,390</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 8840U</a>	<a href="#">23,338</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 PRO 8645HS</a>	<a href="#">23,227</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 7 PRO 250</a>	<a href="#">23,215</a>	<a href="#">NA</a>



<a href="#">Qualcomm Snapdragon X Elite - X1E-80-100</a>	23,025	NA
AMD Rv7en 5 PRO 7640HS	22.885	NA
<a href="#">Intel Core i7-13700TE</a>	22,754	\$390.00*
<a href="#">AMD Ryzen 7 6810U</a>	22,741	NA
<a href="#">AMD Ryzen 5 8645HS</a>	22,613	NA
<a href="#">AMD Ryzen 5 240</a>	22,576	NA
<a href="#">Intel Core i7-12650HX</a>	22,573	\$472.00*
<a href="#">Intel Core Ultra 5 135H</a>	22,421	NA
<a href="#">AMD Ryzen AI 7 PRO 360</a>	22,071	NA
<a href="#">Qualcomm Snapdragon X Plus X1P-64-100</a>	21,573	NA
<a href="#">AMD Ryzen 5 PRO 7640U</a>	21,287	NA
<a href="#">Intel Core 5 220H</a>	21,268	NA
<a href="#">AMD Ryzen 5 PRO 8640HS</a>	21,251	NA
<a href="#">AMD Ryzen 5 7640U</a>	21,125	NA
<a href="#">Intel Core Ultra 5 125H</a>	21,098	NA
<a href="#">AMD Ryzen 5 230</a>	21,009	NA
<a href="#">AMD Ryzen 5 PRO 230</a>	20,603	NA
<a href="#">Intel Core Ultra 7 266V</a>	20,466	\$520.00*
<a href="#">AMD Ryzen 5 8640U</a>	20,322	NA
<a href="#">AMD Ryzen 5 7545U</a>	20,298	NA
<a href="#">AMD Ryzen AI 5 340</a>	20,196	NA
<a href="#">Intel Core Ultra 9 288V</a>	20,115	NA
<a href="#">Intel Core Ultra 7 256V</a>	19,962	NA
<a href="#">AMD Ryzen 5 8640HS</a>	19,889	NA
<a href="#">AMD Ryzen 5 PRO 215</a>	19,789	NA
<a href="#">AMD Ryzen 5 PRO 7545U</a>	19,450	NA
<a href="#">AMD Ryzen 7 PRO 5800H</a>	19,313	NA
<a href="#">AMD Ryzen 7 7445HS</a>	19,235	NA
<a href="#">Apple M3 8 Core</a>	19,188	NA
<a href="#">Intel Core Ultra 7 258V</a>	19,156	NA
<a href="#">Intel Core Ultra 5 225U</a>	18,982	NA
<a href="#">Intel Core 5 210H</a>	18,899	NA
<a href="#">AMD Ryzen 7 Pro 7735U</a>	18,886	NA
<a href="#">AMD Ryzen AI 5 PRO 340</a>	18,869	NA
<a href="#">Intel Core Ultra 7 255U</a>	18,608	NA
<a href="#">Intel Core Ultra 5 226V</a>	18,578	NA
<a href="#">AMD Ryzen AI Max 385</a>	18,441	NA
<a href="#">Intel Core Ultra 7 265U</a>	18,382	NA
<a href="#">AMD Ryzen 5 8540U</a>	18,332	NA
<a href="#">Intel Core i5-12450HX</a>	18,279	NA
<a href="#">AMD Ryzen 5 220</a>	18,247	NA
<a href="#">AMD Ryzen 5 PRO 8540U</a>	18,184	NA
<a href="#">Snapdragon X Plus - X1P42100 - Qualcomm Ory</a>	18,124	NA
<a href="#">AMD Ryzen 5 PRO 7540U</a>	17,781	NA
<a href="#">Intel Core Ultra 5 235U</a>	17,752	\$332.00*
<a href="#">Intel Core Ultra 5 125U</a>	17,411	\$363.00*
<a href="#">Intel Core Ultra 5 135U</a>	17,388	NA
<a href="#">Intel Core Ultra 5 228V</a>	17,277	NA
<a href="#">Intel Core Ultra 7 165U</a>	17,107	NA



<a href="#">Snapdragon X - X126100 - Qualcomm Oryon</a>	<a href="#">16,801</a>	<a href="#">NA</a>
<a href="#">AMD Rvzen 5 7430U</a>	<a href="#">16,642</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 155U</a>	<a href="#">16,396</a>	<a href="#">\$490.00*</a>
<a href="#">AMD Ryzen 9 4950U Mobile</a>	<a href="#">16,290</a>	<a href="#">NA</a>
<a href="#">Intel Core 7 150U</a>	<a href="#">15,288</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 7533HS</a>	<a href="#">14,520</a>	<a href="#">NA</a>
<a href="#">Intel Core 5 220U</a>	<a href="#">14,184</a>	<a href="#">NA</a>
<a href="#">Intel Core 3 100U</a>	<a href="#">13,934</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 7 164U</a>	<a href="#">13,296</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 3 210</a>	<a href="#">13,175</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 3 7440U</a>	<a href="#">12,991</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 3 8440U</a>	<a href="#">12,805</a>	<a href="#">NA</a>
<a href="#">Intel CoreTM Ultra 5 115U</a>	<a href="#">12,771</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 3 7335U</a>	<a href="#">12,592</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 5 115U</a>	<a href="#">12,467</a>	<a href="#">NA</a>
<a href="#">Intel Core Ultra 5 134U</a>	<a href="#">12,464</a>	<a href="#">\$332.00*</a>
<a href="#">AMD Ryzen 3 PRO 7335U</a>	<a href="#">12,325</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 7235HS</a>	<a href="#">12,243</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 5500H</a>	<a href="#">11,416</a>	<a href="#">NA</a>
<a href="#">CIX P1 CD8180</a>	<a href="#">9,277</a>	<a href="#">NA</a>
<a href="#">Intel Core i3-N300</a>	<a href="#">8,467</a>	<a href="#">\$309.00*</a>
<a href="#">AMD Ryzen 3 7320C</a>	<a href="#">8,265</a>	<a href="#">NA</a>
<a href="#">AMD Ryzen 5 Microsoft Surface Edition</a>	<a href="#">7,243</a>	<a href="#">NA</a>
<a href="#">Intel Core i3-1025G1 @ 1.20GHz</a>	<a href="#">6,139</a>	<a href="#">NA</a>
<a href="#">Intel Core i7-6970HQ @ 2.80GHz</a>	<a href="#">4,632</a>	<a href="#">NA</a>
<a href="#">Intel Celeron 5305U @ 2.30GHz</a>	<a href="#">1,684</a>	<a href="#">\$128.00*</a>
<a href="#">AMD A4-1350 APU</a>	<a href="#">911</a>	<a href="#">NA</a>
<a href="#">AMD Turion X2 Dual-Core Mobile RM-76</a>	<a href="#">799</a>	<a href="#">NA</a>

Software

- [BurnInTest](#)
- [PerformanceTest](#)
- [OSForensics](#)
- [MemTest86](#)
- [WirelessMon](#)
- [Management Console](#)
- [Zoom Search Engine](#)
- [Free Software](#)

Benchmarks

- [CPU Benchmarks](#)
- [Video Card Benchmarks](#)
- [Hard Drive Benchmarks](#)
- [RAM Benchmarks](#)
- [PC Systems Benchmarks](#)
- [Software Marketshare](#)

Hardware

- [USB3.0 Loopback Plugs](#)
- [USB2.0 Loopback Plugs](#)
- [PCIe Test Cards](#)
- [USB Power Delivery Tester](#)
- [Serial and Parallel Loopback Plugs](#)
- [USB Short Circuit Testers](#)

About Us

- [Company](#)
- [Contact Us](#)
- [The Press Room](#)



[Database Benchmarks](#)

[Android Benchmarks](#)



CPU Benchmarks



[Internet Bandwidth](#)

Services

Store

Support

Forums

Compliance

International

Disclaimer

Refunds

Privacy

Copyright © 2025 PassMark® Software

