

## New MacBook Pro M5 Pro and M5 Max announced – price hike, release date, specs and more

### Summary

Apple announced the new MacBook Pro M5 Pro and M5 Max, featuring the latest M5 chip with a 30% CPU performance boost and 50% graphics improvement. These laptops include Thunderbolt 5 ports, Wi-Fi 7, Bluetooth 6, and up to 128GB of unified memory. Despite the power increase, Apple claims up to 24 hours of battery life.

By [Tony Polanco](#) last updated 2 days ago



(Image credit: Apple)

**T**he [MacBook Pro M5 Pro](#) and [MacBook Pro M5 Max](#) are here! While these laptops retain the same design we've seen for years, they each pack the latest and most powerful iterations of the company's M5 chip. If the [14-inch MacBook Pro M5](#) isn't powerful enough for your needs, these are the notebooks to get.

Looking inside, both new MacBook Pros pack up to an 18-core CPU, paired with up to a 20-core GPU and a 40-core GPU for the M5 Pro and M5 Max models, respectively. The new architecture also delivers a massive jump in memory bandwidth, reaching speeds of up to 614 GB/s on the M5 Max. Lastly, we finally get Thunderbolt 5 support across all Pro and Max models, tripling the data transfer speeds for pro-grade peripherals.

Based on what Apple has detailed, these could be the [best MacBooks](#) yet. Here's everything you need to know about Apple's premium laptops.

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### MacBook Pro M5 Pro/M5 Max: Quick overview

- Starts at \$2,199 (14-inch) and \$2,699 (16-inch). Pre-orders open tomorrow, March 4, with availability starting March 11.
- Powered by the all-new M5 Pro and M5 Max chips, promises a 30% boost in CPU performance.
- Includes three Thunderbolt 5 ports.

- Supports up to 128GB of unified memory with bandwidth speeds reaching 614GB/s on the M5 Max.
- These machines now start with a 1TB SSD for the M5 Pro and a 2TB SSD for the M5 Max (with speeds up to 14.5GB/s).
- A new custom wireless chip that brings Wi-Fi 7 and Bluetooth 6 to the MacBook Pro for the first time.
- Apple is claiming up to 24 hours of battery life.

### MacBook Pro M5 Pro/M5 Max: Specs (starting)

	MacBook Pro (14-inch, M5 Pro)	MacBook Pro (16-inch, M5 Max)
<b>Price (starting)</b>	\$2,199	\$3,899
<b>Display</b>	14.2 inches Liquid Retina XDR (3024 x 1964 pixels), 120Hz	16.2 inches Liquid Retina XDR (3456 x 2234 pixels), 120Hz
<b>Colors</b>	Silver, Space Black	Silver, Space Black
<b>Chip</b>	M5 Pro (15-core CPU, 16-core	M5 Max (18-core CPU, 32-core
<b>RAM</b>	24GB	36GB
<b>Storage</b>	1TB	2TB
<b>Cameras</b>	12MP Center Stage webcam	12MP Center Stage webcam
<b>Connectivi</b>	Wi-Fi 7, Bluetooth 6	Wi-Fi 7, Bluetooth 6
<b>Size</b>	12.31 x 8.71 x 0.61 inches	14.01 x 9.77 x 0.66 inches
<b>Weight</b>	3.5 pounds	4.7 pounds

### MacBook Pro M5 Pro/M5 Max: Design and display



(Image credit: Apple)

The new MacBook Pros retain the utilitarian design introduced with their M1 Pro- and M1 Max-powered predecessors in 2021. While that might disappoint those seeking something brand-new, it's hard to argue with such a practical, sleek design.

As before, the laptops feature rounded edges, a sturdy aluminum unibody chassis, and a robust port selection. They're the same size and weight as

previous models and include MagSafe charging. Color options remain black and silver.

The 14- and 16-inch displays are unchanged, as is the nano-texture glass option. While an OLED update would have been welcome, the MacBook Pro's Liquid Retina display should still look as bright and colorful as ever.

## MacBook Pro M5 Pro/M5 Max: Performance



(Image credit: Apple)

The M5 Pro and M5 Max are built on a new Fusion Architecture that combines two dies into a single system on a chip. Apple claims a 30% jump in CPU performance and a 50% increase in graphics performance over the M4 Pro/Max.

For the first time, Apple has included a Neural Accelerator in every single GPU core. This allows the M5 Pro to process LLM (Large Language Model) prompts up

to 4x faster than the previous generation.

Memory bandwidth has also seen a bump, with the M5 Max supporting up to 128GB of unified memory at a staggering 614GB/s. And in a move that will make everyone dealing with the [RAM crisis](#) happy, Apple has doubled the starting SSD speeds to 14.5GB/s and increased the base storage to 1TB for M5 Pro and 2TB for M5 Max.

## MacBook Pro M5 Pro/M5 Max: Wi-Fi 7 and Thunderbolt 5



(Image credit: Apple)

The new MacBook Pro features the [Apple N1 chip](#), a custom wireless networking chip that finally brings Wi-Fi 7 and Bluetooth 6 to the Mac. This should provide the stability and speed needed for high-bandwidth workflows.

The new models feature three Thunderbolt 5 ports, tripling the bandwidth of Thunderbolt 4 for data-heavy peripherals. You also get an upgraded 12MP Center Stage camera

that supports Desk View, ensuring you look your best during video calls.

## MacBook Pro M5 Pro/M5 Max: Battery life



(Image credit: Apple)

Despite the power increase, Apple is claiming up to 24 hours of battery life.

We'll need to get these laptops into our lab to verify that claim, but given how the 16-inch MacBook Pro M4 Pro lasted 20 hours and 46 minutes in our testing, I expect epic endurance from these new machines.

## MacBook Pro M5 Pro/M5 Max: Outlook

The M5 Pro and M5 Max MacBook Pros deliver some substantial new features that go beyond new chips. By integrating Neural Accelerators into the GPU and introducing the N1 wireless chip, these are arguably the best MacBook Pros we've seen in years.

While the design remains familiar, the jump to 1TB of starting storage and the inclusion of Thunderbolt 5 make this a no-brainer for pros still rocking M1 or M2 hardware. Though we now have to pay \$200 more for the starting models, these will be some of the most power laptops available.