Mac mini

First Look

Powered by Apple M2 and M2 Pro chips, Mac mini takes performance, connectivity, and versatility to the next level. Mac mini with M2 delivers superfast performance for everyday tasks, and it's available at an affordable price. And M2 Pro brings pro-level performance to Mac mini for the first time, so a wide range of professionals, from cinematographers to software developers, can do things previously unheard of on Mac mini. And Mac mini features a compact design that customers love and can be paired with the Studio Display and Magic accessories to create a mighty desktop setup.
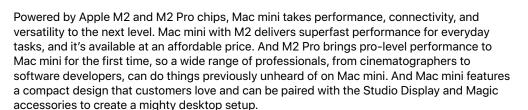
Compute	Apple M2 chip		Apple M2 Pro chip
	8-core CPU with 4 performance cores and 4 efficiency cores		10-core CPU with 6 performance cores and 4 efficiency cores
	10-core GPU		16-core GPU
	16-core Neural Engine		16-core Neural Engine
Memory	8GB unified memory		16GB unified memory
Storage	256GB SSD	512GB SSD	512GB SSD
Ports	Two Thunderbolt 4 ports, two USB-A ports, HDMI port, 3.5 mm headphone jack, Gigabit Ethernet		Four Thunderbolt 4 ports, two USB-A ports, HDMI port, 3.5 mm headphone jack, Gigabit Ethernet

Key messages

Mac mini with M2

- Delivers up to five times faster performance than the best-selling Windows desktop[1]
- Offers up to 18 percent faster CPU performance, up to 35 percent faster graphics performance, up to 50 percent more memory bandwidth, and up to 40 percent faster machine learning performance than Mac mini with M1[2]
- Tasks like launching apps, browsing the web, searching with Spotlight, and multitasking are fast and fluid
- Working with Excel is up to 14 percent faster than Mac mini with M1 and up to 80 percent faster than Mac mini with Intel Core i7[1]
- Editing photos is up to 50 percent faster than Mac mini with M1 and up to 3.5 times faster than Mac mini with Intel Core i7[1]
- Editing videos is up to 50 percent faster than Mac mini with M1 and up to nearly 9.8 times faster than Mac mini with Intel Core i7[1]

Mac mini with M2 Pro

- Delivers up to 14 times faster performance than Mac mini with Intel Core i7[1]
- Up to 12-core CPU offers up to 1.9 times faster performance than M1 and up to 19-core GPU is up to 2.6 times faster than M1[3]
- Compiling code is up to 3.2 times faster than Mac mini with Intel Core i7 and up to twice as fast as the 27-inch iMac with Intel Core i7 and Radeon Pro 5500XT[1]
- Video editing is up to 18.8 times faster than Mac mini with Intel Core i7 and up to twice as fast as the 27-inch iMac with Intel Core i7 and Radeon Pro 5500XT[1]
- Gaming is up to 15 times faster than Mac mini with Intel Core i7 and up to 25 percent faster than the 27-inch iMac with Intel Core i7 and Radeon Pro 5500XT[1]

Enhanced media engine

- Both M2 and M2 Pro models feature a powerful media engine with support for hardware accelerated playback of H.264, HEVC, and ProRes video encode and decode
- M2 supports play back of up to two streams of 8K and up to 12 streams of 4K ProRes video[1]
- M2 Pro supports play back of up to five streams of 8K and up to 23 streams of 4K Pro Res[1]

Extensive connectivity

- Get two Thunderbolt 4 ports on Mac mini with M2, or four Thunderbolt 4 ports on Mac mini with M2 Pro
- Both models feature two USB-A ports, an HDMI port, a Gigabit Ethernet port, and a headphone jack with support for high-impedance headphones
- Mac mini with M2 supports up to two displays—connect one display up to 6K via Thunderbolt and one display up to 4K via HDMI
- Mac mini with M2 Pro supports up to three displays—connect two displays up to 6K via Thunderbolt and one display up to 4K via HDMI
- HDMI port in M2 Pro models is even more powerful, with support for one display up to 8K with a 60Hz refresh rate or one display up to 4K with a 240Hz refresh rate
- Both models support Wi-Fi 6E and Bluetooth 5.3

macOS and powerful apps

- macOS Ventura includes powerful apps and features like Stage Manager, which makes it easy to collaborate and create your ideal workspace
- Explore more than 15,000 apps and plug-ins optimized for Apple silicon

Essential additions

- AppleCare+ for Mac, Magic Mouse, Magic Trackpad, Magic Keyboard with Touch ID and Numeric Keypad, Studio Display, Thunderbolt and USB accessories