



Mac mini (M6 or M5 Pro) - Tech Specs

Year introduced: 2026

Finish

Silver

Chip

Apple M6 chip

12-core CPU with 2 super cores, 4 performance cores, and 6 efficiency cores

12-core GPU

Neural Accelerators

Hardware-accelerated ray tracing

Dual 16-core Neural Engine

153GB/s memory bandwidth, 170GB/s memory bandwidth

Media Engine

Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW

Video decode engine

Video encode engine

ProRes encode and decode engine

AV1 decode

Apple M5 Pro chip

15-core CPU with 5 super cores and 10 performance cores

16-core GPU

Neural Accelerators

Hardware-accelerated ray tracing

16-core Neural Engine

307GB/s memory bandwidth

Media Engine

Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW

Video decode engine

Video encode engine

ProRes encode and decode engine

AV1 decode

Configurable to:

M5 Pro with 18-core CPU and 20-core GPU

Memory

Apple M6 chip

16GB unified memory

Configurable to:

24GB or 32GB (170GB/s memory bandwidth)

Apple M5 Pro chip

24GB unified memory

Configurable to:

48GB or 64GB

Storage¹

Apple M6 chip

256GB SSD

Configurable to:

512GB, 1TB, or 2TB

Apple M5 Pro chip

512GB SSD

Configurable to:

1TB, 2TB, 4TB, or 8TB

Display Support

M6

Supports up to three external displays using Thunderbolt and HDMI ports:

Three displays: Two displays up to a native resolution of 6K at 60Hz or 4K at 165Hz, plus a third display up to 5K at 60Hz over Thunderbolt or 4K at 60Hz over HDMI

Up to two displays: One display up to a native resolution of 8K at 60Hz or 5K at 120Hz or 4K at 240Hz, plus a second display up to 5K at 60Hz over Thunderbolt or 4K at 60Hz over HDMI

Supports up to two external displays over a single Thunderbolt port

Thunderbolt 4 (USB-C) ports support native DisplayPort 1.4 speeds

Supports variable refresh rate (VRR), HDR, and multichannel audio

M5 Pro

Supports up to three external displays over any combination of Thunderbolt and HDMI ports:

Three displays up to a native resolution of 6K at 60Hz or 4K at 165Hz

Up to two displays: One display up to a native resolution of 8K at 60Hz or 5K at 120Hz or 4K at 240Hz, plus a second display up to 5K at 120Hz or 4K at 200Hz

Supports up to three external displays over a single Thunderbolt port

Thunderbolt 5 (USB-C) ports support native DisplayPort 2.1 speeds

Supports variable refresh rate (VRR), HDR, and multichannel audio

[Learn more about connecting a display to your Mac](#)

Video Playback

Supported formats include HEVC, H.264, AV1, and ProRes

HDR with Dolby Vision, HDR10+/HDR10, and HLG

Audio Playback

Supported formats include AAC, MP3, Apple Lossless, FLAC, Dolby Digital, Dolby Digital Plus, and Dolby Atmos

Audio

Built-in speaker

3.5 mm headphone jack with advanced support for high-impedance headphones

HDMI port supports multichannel audio output

Connections and Expansion

On front:

Two USB-C ports with support for USB 3 (up to 10Gb/s)

3.5 mm headphone jack

On back (M6):

2.5Gb Ethernet port (configurable to 10Gb Ethernet)

HDMI port

Three Thunderbolt 4 (USB-C) ports with support for:

Thunderbolt 4 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

DisplayPort

On back (M5 Pro):

2.5Gb Ethernet port (configurable to 10Gb Ethernet)

HDMI port

Three Thunderbolt 5 (USB-C) ports with support for:

Thunderbolt 5 (up to 120Gb/s)

USB 4 (up to 40Gb/s)

DisplayPort

Communications

Wireless

Apple N1 wireless networking chip

Wi-Fi 7 (802.11be)²

Bluetooth 6

Thread networking technology

Ethernet

100/1000/2500BASE-T Multi-Gigabit Ethernet (RJ-45 connector)

Configurable to 10Gb Ethernet (Nbase-T Ethernet with support for 1Gb, 2.5Gb, 5Gb, and 10Gb Ethernet using RJ-45 connector)

Size and Weight

Height: 2.0 inches (5.0 cm)

Width: 5.0 inches (12.7 cm)

Depth: 5.0 inches (12.7 cm)

Weight (M6): 1.5 pounds (0.67 kg)³

Weight (M5 Pro): 1.6 pounds (0.73 kg)³

Electrical and Operating Requirements

Line voltage: 100–240V AC

Frequency: 50Hz to 60Hz, single phase

Maximum continuous power: 155W

Operating temperature: 50° to 95° F (10° to 35° C)

Storage temperature: –40° to 116° F (–40° to 47° C)

Relative humidity: 5% to 90% noncondensing

Operating altitude: tested up to 16,400 feet (5000 meters)

Typical acoustical performance: Sound pressure level (operator position): 5 dBA at idle⁴

In the Box

Mac mini

Power cord (1.8 m)

Operating System

macOS

macOS is the most advanced desktop operating system in the world. Siri AI⁵ is a powerful and capable assistant with personal context understanding, broad world knowledge, and onscreen awareness. Express yourself through photos and images, save time with Safari, and get more done with Apple Intelligence⁵ seamlessly integrated into your everyday apps and experiences. And iPhone Mirroring,⁶ window tiling, Sidecar, and more help you stay productive.

Apple Intelligence and Siri AI⁵

The next generation of Apple Intelligence is centered around you, integrated into your apps, and built with privacy. Apple Intelligence powers Siri AI — an entirely new version of Siri that’s more personal, conversational, and powerful, along with helpful features across apps.

[Learn more about Apple Intelligence and Siri AI](#)

Accessibility

Accessibility features help people with disabilities get the most out of their new Mac mini. With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things.

[Learn more about Accessibility.](#)

Features include:

VoiceOver

Zoom

Motion, display, and text settings

Accessibility Reader

Voice Control

Switch Control

Closed Captions

Live Captions

Built-in Apps⁷

App Store
Books
Calendar
Contacts
FaceTime
Find My
Freeform
GarageBand
Home
iMovie
iPhone Mirroring
Keynote
Mail
Maps
Messages
Music
News
Notes
Numbers
Pages
Passwords
Photo Booth
Photos
Podcasts
Preview
QuickTime Player
Reminders
Safari
Shortcuts
Stocks
Time Machine
Tips
TV
Voice Memos
Weather

Configure to Order

Configure your Mac mini with these options at apple.com:

Apple M6 chip

24GB or 32GB unified memory
512GB, 1TB, or 2TB SSD
10Gb Ethernet

Apple M5 Pro chip

M5 Pro with 18-core CPU, 20-core GPU, and 16-core Neural Engine
48GB or 64GB unified memory
1TB, 2TB, 4TB, or 8TB SSD
10Gb Ethernet

Mac mini and the Environment

[See the Mac mini Product Environmental Report \(PDF\).](#)

Progress toward Apple 2030

Apple 2030 is our goal to be carbon neutral across our value chain. We design our products to be less carbon intensive by prioritizing the use of recycled and renewable content and low-carbon materials while focusing on the energy efficiency of our software and hardware.

[See Apple’s commitment](#)

Materials

Mac mini is made with 50% recycled content,⁸ including:

- 100% recycled aluminum in the enclosure and thermal module stage
- 100% recycled copper in multiple thermal module components
- 100% recycled copper plating in all Apple-designed printed circuit boards
- 100% recycled gold plating and tin solder in all Apple-designed printed circuit boards
- 80% recycled steel in multiple components including the logo and fan pillow

Packaging

100% fiber-based packaging⁹

Energy

- 100% of manufacturing electricity for Mac mini is sourced from renewable electricity¹⁰
- 100% of expected customer use electricity matched with low-carbon electricity¹¹
- ENERGY STAR® certified¹²

Smarter chemistry¹³

All of the materials used in Apple products, accessories, and packaging are covered by the requirements of our [Regulated Substances Specification](#), which was one of the first in industry to restrict the use of key substances of concern. See the latest [Environmental Progress Report](#) to understand Apple’s recent efforts in phasing out these chemistries.

Acoustic Performance

Declared noise emission values in accordance with ECMA-109
Acoustic Performance

	Sound Power Level $L_{WA,m}$ (B)	Sound Pressure Level Operator Position $L_{pA,m}$ (dB)
Idle	1.3 ($K_v = 0.3$)	4
Wireless web	1.3 ($K_v = 0.3$)	4

1. $L_{WA,m}$ is the mean A-weighted sound power level, rounded to the nearest 0.1 B.

2. $L_{pA,m}$ is the mean A-weighted sound pressure level measured at operator position (rounded to the nearest 1 dB).

3. 1 B (bel) = 10 dB (decibel).

4. K_v is the statistical adder for computing upper-limit of A-weighted sound power level.

5. The quantity, $L_{WA,c}$ (formerly called L_{WAg}) may be computed from the sum of $L_{WA,m}$ and K_v .

6. The wireless web test browses 6 tabs with a mix of content including media.

7. Configuration tested: M5 Pro, 18-core CPU, 20-core GPU, 48GB unified memory, 8TB storage.

1. 1GB = 1 billion bytes and 1TB = 1 trillion bytes; actual formatted capacity less.

2. Wi-Fi 7 availability varies by country. For more information, visit support.apple.com/148165.
3. Weight varies by configuration and manufacturing process.
4. Acoustics measured from typical operator position sitting in front of standard Mac mini system. Acoustics may vary by configuration.
5. Apple Intelligence is available with Siri and device language set to Chinese (Simplified), Chinese (Traditional), Danish, Dutch, English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Spanish, Swedish, Turkish, or Vietnamese. Some features may not be available in all regions or languages. Some devices may not be available in all regions. Siri AI is available in beta in macOS 27 and requires an Apple Intelligence-enabled device set to a supported language. Available in English to start. Siri AI will not be initially available in the EU on iOS, iPadOS, and watchOS. Certain Apple Intelligence features that rely on server-side models are subject to daily usage limits, including but not limited to Siri AI, Intelligent Photo Editing Tools, Image Playground, and AFM 3 Cloud models in Shortcuts. Daily limits may vary by feature, request complexity, system demand, system policies, and other factors. Expanded access to such features will be available for a fee in the future. Use of these features is subject to the Apple Intelligence Terms and Conditions. Learn more at apple.com/apple-intelligence.
6. iPhone Mirroring is not available in all countries and regions. Some iPhone features (e.g., camera and microphone) are not compatible with iPhone Mirroring.
7. iMovie, GarageBand, Pages, Numbers, and Keynote are available on the Mac App Store. Downloading apps requires an Apple Account and a device that is compatible with the OS version required for each app.
8. Product recycled or renewable content is the mass of certified recycled material relative to the overall mass of the device, not including packaging or in-box accessories. Less than 3.5% claimed recycled and renewable content uses mass balance allocation.
9. Breakdown of U.S. retail packaging by weight. Adhesives, inks, and coatings are excluded from our calculations.
10. We use a mix of supplier and Apple renewable energy projects when sourcing our manufacturing electricity.
11. Apple is matching 100% of expected electricity consumption for product use with low-carbon electricity.
12. ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.
13. Apple's Regulated Substances Specification describes Apple's restrictions on the use of certain chemical substances in materials in Apple products, accessories, manufacturing processes, and packaging used for shipping products to Apple's end-customers. Restrictions are derived from international laws or directives, regulatory agencies, eco-label requirements, environmental standards, and Apple policies. Every Apple product is free of PVC and phthalates except for AC power cords in India, Thailand (for two-prong AC power cords), and South Korea, where we continue to seek government approval for our PVC and phthalates replacement. Apple products comply with the European Union Directive 2011/65/EU and its amendments, including exemptions for the use of lead such as high-temperature solder. Apple is working to phase out the use of these exempted substances for new products where technically possible.

Helpful?

Yes

No

Support

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