

Apple Mac mini M6 (MHQM4ZD/A)

Apple Mac mini - M6 - RAM 24 GB - SSD 512 GB - Apple M6 12-core - IEEE 802.11ax (Wi-Fi 6), IEEE 802.11be (Wi-Fi 7), Gigabit Ethernet, 2.5 Gigabit Ethernet, Bluetooth 6.0 - macOS 27 Golden Gate - monitor: none - silver



The Apple Mac mini offers an ultra-small form factor that makes it a choice for those seeking versatility without compromising on performance. Its SSD storage ensures fast data access, while the inclusion of a powerful dual 16-core Neural Engine provides seamless multitasking capabilities. Designed to operate quietly with a sound emission of just 5 dBA, the Mac mini is ideal for home or office environments where noise reduction is valued. Built with sustainability in mind, the device incorporates 100% recycled rare earth elements in its magnets, aligning with eco-friendly principles. Connectivity is robust, featuring multiple Thunderbolt 4/USB4 ports, HDMI, and 2.5 Gigabit Ethernet, ensuring adaptability for various peripherals and high-speed Internet. The Mac mini is not just a desktop; it is a compact powerhouse that fits perfectly into any lifestyle or workspace.

Key Selling Points

- Ultra-small form factor design for space-saving efficiency
- Powerful dual 16-core Neural Engine for enhanced multitasking
- SSD storage for rapid access and responsiveness
- Multiple connectivity options including Thunderbolt 4 and HDMI
- Eco-friendly construction with 100% recycled rare earth elements

Product Features

- Compact design**
The ultra-small form factor of the Apple Mac mini allows for easy placement in any workspace, making it a versatile choice for both home and office use.
- Powerful performance**
Equipped with the M6 processor and a 12-core architecture, this system delivers computing power, enabling efficient handling of demanding tasks and applications.
- Fast storage**
The built-in SSD provides quick data access, reducing load times and enhancing overall system responsiveness for an improved user experience.
- Advanced connectivity**
Featuring a variety of ports including Thunderbolt 4, USB-C, and HDMI, the Mac mini supports a multitude of devices, ensuring seamless integration into any setup.
- Sustainable materials**
Constructed with 100% recycled rare earth elements in its magnets, this device emphasizes Apple's commitment to environmental sustainability while maintaining performance.

Main specifications

Product Description	Apple Mac mini M6 - 24 GB - SSD 512 GB
Type	Personal computer
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Processor	Apple M6 (12-core)
Processor Main Features	Video decode engine, Hardware-accelerated ray tracing, AV1 decode, 170 GB/s memory bandwidth, video encode engine, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, Neural Accelerators, ProRes encode and decode engine
Neural Processor Unit (NPU)	Dual 16-core Neural Engine
RAM	24 GB
Hard Drive	SSD 512 GB
Optical Storage	No optical drive
Graphics Controller	Apple M6 12-core
Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, ProRes, AV1
Networking	802.11a, Wi-Fi 5, Wi-Fi 6, Wi-Fi 7, 802.11b/g/n, 1GbE, 2.5GbE, Bluetooth 6.0
Power	(50/60 Hz)
OS Provided	Apple macOS 27 Golden Gate

Software Included	Apple FaceTime, Siri, App Store, Apple Books, Calendar, Contacts, Find My, Apple Freeform, Apple GarageBand, Home, Apple iMovie, iPhone Mirroring, Apple Keynote, Mail, Maps, Messages, Music, News, Notes, Apple Numbers, Apple Pages, Passwords, Photo Booth, Photos, Podcasts, Apple Preview, Apple QuickTime Player, Reminders, Apple Safari, Apple Shortcuts, Stocks, Apple Time Machine, Tips, Voice Memos, Weather, Siri AI, Apple TV
Apple Intelligence	Yes
Colour	Silver
Dimensions (WxDxH)	12.7 cm x 12.7 cm x 5 cm
Weight	670 g
Environmental Standards	ENERGY STAR Qualified
Rare Earth Materials	100% recycled rare earth elements in all magnets
Manufacturer Warranty	Limited warranty - 1 year ¹ , Technical support - phone consulting - 90 days

Extended specification

Monitor

Monitor Type	None.
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Processor / Chipset

CPU	Apple M6
Number of Cores	12-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	Video decode engine, Hardware-accelerated ray tracing, AV1 decode, 170 GB/s memory bandwidth, video encode engine, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, Neural Accelerators, ProRes encode and decode engine

Dimensions & Weight

Width	12.7 cm
Depth	12.7 cm
Height	5 cm
Weight	670 g

General

Type	Personal computer
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Product Form Factor	Mini
Built-in Devices	Speaker
Colour	Silver

Power

Device Type	Power supply
Voltage Required	AC 100-240 V (50/60 Hz)
Power Consumption Operational	155 watt

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	5 - 90% (non-condensing)
Sound Emission	5 dBA

Graphics Controller

Graphics Processor	Apple M6 12-core
Video Interfaces	HDMI, USB-C
Max Monitors Supported	3

Networking

Wireless LAN Supported	Yes
Wireless NIC	Apple N1
Data Link Protocol	IEEE 802.11a, IEEE 802.11ac, IEEE 802.11ax (Wi-Fi 6), IEEE 802.11b, IEEE 802.11be (Wi-Fi 7), IEEE 802.11g, IEEE 802.11n, Fast Ethernet, Gigabit Ethernet, 2.5 Gigabit Ethernet, Bluetooth 6.0
Features	Thread networking technology

Sustainability Information

ENERGY STAR Certified	Yes
Rare Earth Materials	100% recycled rare earth elements in all magnets

Operating System / Software

OS Provided	Apple macOS 27 Golden Gate
Software	Apple FaceTime, Siri, App Store, Apple Books, Calendar, Contacts, Find My, Apple Freeform, Apple GarageBand, Home, Apple iMovie, iPhone Mirroring, Apple Keynote, Mail, Maps, Messages, Music, News, Notes, Apple Numbers, Apple Pages, Passwords, Photo Booth, Photos, Podcasts, Apple Preview, Apple QuickTime Player, Reminders, Apple Safari, Apple Shortcuts, Stocks, Apple Time Machine, Tips, Voice Memos, Weather, Siri AI, Apple TV
Apple Intelligence	Yes

RAM

Installed Size	24 GB
Configuration Features	Unified memory

Manufacturer Warranty

Service & Support	Limited warranty - 1 year ¦ Technical support - phone consulting - 90 days
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Hard Drive

Type	SSD
Capacity	1 x 512 GB

Optical Storage

Type	No optical drive
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Multimedia Functionality

Supported Digital Audio Standards	AAC, MP3, FLAC, Apple Lossless, Dolby Atmos, Dolby Digital, Dolby Digital Plus
Supported Digital Video Standards	H.264, HEVC, ProRes, AV1

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Dual 16-core Neural Engine
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Expansion / Connectivity

Interfaces	3 x Thunderbolt 4/USB4/DisplayPort 2.1 - Type C (3 rear) ¦ 2 x USB-C - Type C (2 front) ¦ 1 x HDMI (1 rear) ¦ 1 x LAN (2.5Gigabit Ethernet) - RJ-45 (1 rear) ¦ 1 x headphones (1 front)
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