

Apple Mac mini M5 Pro (MHQN4ZD/A)

Apple Mac mini - M5 Pro - RAM 24 GB - SSD 512 GB - M5 Pro 16-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 is an ultra-small form factor personal computer that combines power with a compact design, making it a suitable choice for a variety of tasks. Equipped with the M5 Pro chip, featuring a 15-core processor and a 16-core Neural Engine, it delivers impressive performance for video encoding, decoding, and real-time processing. The integrated 512 GB SSD ensures fast storage and quick access to files, while the 24 GB of unified memory provides seamless multitasking capabilities. Connectivity options are abundant, including three Thunderbolt 5/USB4 ports, two USB-C ports, an HDMI port, and a 2.5 Gigabit Ethernet port, allowing for a wide range of peripheral devices and high-speed network access. Additionally, the Mac mini is ENERGY STAR certified, highlighting Apple's commitment to sustainability and energy efficiency. With its sleek design and robust features, the Apple Mac mini is a strong addition to any desktop setup.

Key Selling Points

- Ultra-small form factor for easy placement in various environments
- Powerful Apple M5 Pro chip with 15-core processor
- 512 GB SSD for fast storage and quick access
- Multiple connectivity options including Thunderbolt 5 and HDMI
- ENERGY STAR certified for energy efficiency

Product Features

- Powerful processing capabilities**
The Apple M5 Pro chip features a 15-core processor that enhances performance for demanding tasks such as video editing and gaming. This level of processing power supports hardware-accelerated ray tracing, ensuring high-quality graphics and efficient computing.
- Ample storage and memory**
With a 512 GB SSD, the Mac mini offers fast data retrieval and ample storage for applications, files, and media. Combined with 24 GB of unified memory, users can expect smooth performance even while running multiple applications simultaneously.
- Versatile connectivity options**
Equipped with three Thunderbolt 5/USB4 ports, two USB-C ports, an HDMI port, and a 2.5 Gigabit Ethernet port, this desktop provides flexibility in connecting various peripherals and supports high-speed networking for seamless data transfer.
- Energy-efficient design**
Certified by ENERGY STAR, the Mac mini is designed to consume less energy, highlighting Apple's commitment to sustainable technology. This efficient design reduces carbon emissions and helps users save on energy costs.
- Advanced multimedia capabilities**
Supports a wide range of digital audio and video standards such as Dolby Atmos, AAC, and ProRes, allowing for an immersive audiovisual experience. With the ability to drive up to three monitors, users can enhance their productivity and viewing experience.

Main specifications

Product Description	Apple Mac mini M5 Pro - 24 GB - SSD 512 GB
Type	Personal computer
EU Data Act	https://regulatoryinfo.apple.com/eudataact
Processor	Apple M5 Pro (15-core)
Processor Main Features	Video decode engine, Hardware-accelerated ray tracing, ProRes encode and decode engine, AV1 decode, 307 GB/s memory bandwidth, video encode engine, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, Neural Accelerators
Neural Processor Unit (NPU)	16-core Neural Engine
RAM	24 GB
Hard Drive	SSD 512 GB
Optical Storage	No optical drive
Graphics Controller	Apple M5 Pro 16-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	730 g
Environmental Standards	ENERGY STAR Qualified
Carbon Footprint	41 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements in all magnets
Manufacturer Warranty	Limited warranty - 1 year ¦ Technical support - phone consulting - 90 days

Extended specification

General

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

Expansion / Connectivity

Interfaces	3 x Thunderbolt 5/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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Manufacturer Warranty

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

Installed Size	24 GB
Configuration Features	Unified memory

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

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

Optical Storage

Type	No optical drive
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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

Monitor

Monitor Type	None.
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Graphics Controller

Graphics Processor	Apple M5 Pro 16-core
Video Interfaces	HDMI, USB-C
Max Monitors Supported	3

Hard Drive

Type	SSD
Capacity	1 x 512 GB

Dimensions & Weight

Width	12.7 cm
Depth	12.7 cm
Height	5 cm
Weight	730 g

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

Processor / Chipset

CPU	Apple M5 Pro
Number of Cores	15-core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	Video decode engine, Hardware-accelerated ray tracing, ProRes encode and decode engine, AV1 decode, 307 GB/s memory bandwidth, video encode engine, Hardware-accelerated H.264, HEVC, ProRes, and ProRes RAW, Neural Accelerators

Sustainability Information

ENERGY STAR Certified	Yes
Carbon Footprint	41 kg carbon emissions
Rare Earth Materials	100% recycled rare earth elements in all magnets

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	16-core Neural Engine
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