Apple Mac mini : M6 chip with 12-core CPU and 12-core GPU, 16GB, 256GB SSD



Brand : Apple **Product family:** Mac mini **Product code:** MHQK4ZD/A

Product name : Mac mini: Apple M6 chip with 12-core CPU and 12-core GPU, 16GB, 256GB SSD



- The all-new, blazing-fast M6 chip. The next-level performance of M5 Pro. Take your pick — both rip
- A powerful platform for AI, from accelerating everyday productivity with Siri AI to running your own agentic workflows.1
- Ultracompact design. Front and back ports. Fits, flexes, and flies in any setup
- Faster unified memory. Up to 2x faster storage. 2.5Gb Ethernet. And support for Wi-Fi 7 and Bluetooth 6

Apple M6 chip, 12-core CPU, 12-core GPU, 16GB unified memory, 256GB SSD, 3.5 mm, 2 x USB-C, Ethernet, HDMI, 3 x Thunderbolt 4, Wi-Fi 7, Bluetooth 6, macOS

Apple Mac mini : M6 chip with 12-core CPU and 12-core GPU, 16GB, 256GB SSD:

Little do-it-all.
Mac mini now with M6 and M5 Pro.

Processor	
Processor manufacturer *	Apple
Processor family *	Apple M
Processor generation	Apple M 6th Gen
Processor model *	M6
Processor cores	12
Performance cores	4
Efficient cores	6
Memory bandwidth supported by processor (max)	153 GB/s

Neural processor unit (NPU)	
Neural processor unit (NPU)	Apple Neural Engine (ANE)
Neural processor unit (NPU) cores	16

Memory	
Internal memory *	16 GB
Maximum internal memory *	32 GB

Storage	
Total storage capacity *	256 GB
Storage media *	SSD
Optical drive type *	✗
Number of storage drives installed	1
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
Intel® Optane™ Memory module installed	✗

Graphics	
Discrete graphics card *	✗
On-board graphics card *	✓
Discrete graphics card model *	Not available
On-board GPU manufacturer	Apple
On-board graphics card family	Apple
On-board graphics card model *	Apple GPU
On-board graphics card cores	12

Ports & interfaces	
USB Type-C DisplayPort Alternate Mode	✓
Intel® Thunderbolt 4	✓
Thunderbolt 4 ports quantity	3
HDMI ports quantity *	1
Ethernet LAN (RJ-45) ports	1
Headphone outputs	1
DVI port	✗

Power	
Power supply *	155 W
Power supply input voltage	100 - 240 V
Power supply input frequency	50 - 60 Hz

Design	
Chassis type *	Mini PC
Product colour *	Silver
Housing material	Aluminium

Software	
Operating system installed *	macOS 27 Golden Gate
Apple Intelligence	✓
Pre-installed software	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

Processor special features	
Video decode engine	✓
Video encode engine	✓

Graphics	
Number of external displays supported	3
High Dynamic Range (HDR) technology	Dolby Vision, High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus), Hybrid Log-Gamma (HLG)
Ray tracing acceleration	✔

Performance	
Product type *	Mini PC
Built-in speaker(s)	✔

Network	
Ethernet LAN *	✔
Ethernet LAN data rates	100,1000,2500 Mbit/s
Wi-Fi *	✔
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
WLAN controller manufacturer	Apple
WLAN controller model	Apple N1
Bluetooth	✔
Bluetooth version	6.0
Bluetooth Low Energy (BLE)	✔

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity *	2

Display	
Display included *	✘

Brand-specific features	
Accessibility features	VoiceOver, Zoom, Voice Control, Switch Control, Closed Captions, Live Captions, Personal Voice, Live Speech, Accessibility Reader, Motion & display and text settings

Audio	
Audio formats supported	AAC, MP3, ALAC, FLAC
Built-in microphone	✘
Dolby technologies	Dolby Digital, Dolby Digital Plus, Dolby Atmos

Operational conditions	
Operating temperature (T-T)	10 - 35 °C
Storage temperature (T-T)	-40 - 47 °C
Operating relative humidity (H-H)	5 - 90%
Storage relative humidity (H-H)	5 - 90%
Operating altitude	0 - 5000 m

Weight & dimensions	
Width *	127 mm
Depth *	127 mm
Height *	50 mm
Weight *	670 g

Packaging data	
Package width	140.6 mm
Package depth	140.6 mm
Package height	126.1 mm
Package weight	1.12 kg

Packaging content	
Cables included	AC
Power cable length	1.8 m

Sustainability	
Sustainability certificates	ENERGY STAR

Multimedia	
Video compression formats	HEVC, H.264, AV1, ProRes

Other features	
TV tuner integrated	✘



0195951440873



195951440873

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.

Publication date: 16-SEP-2026. Prints or copies of Information are only valid on the printed Publication date