

APPLE MX2H3GR/A MacBook Pro M4 Laptop, 14.2", Space Black



SKU: IT68607

€2,449.00

Specifications

Display

- Size: 14.2" (diagonal)
- Type: Liquid Retina XDR (Extreme Dynamic Range)
- Resolution: 3024x1964 pixels at 254 ppi
- XDR brightness: 1000 nits sustained full-screen, 1600 nits peak (HDR content only)
- SDR brightness: up to 1000 nits (outdoor)
- Contrast ratio: 1,000,000:1 contrast ratio
- Colors:
 - : 1 billion
 - : Wide color (P3)
 - : True Tone technology

- Refresh rates:
- : ProMotion technology for adaptive refresh rates up to 120Hz
- : Fixed refresh rates: 47.95Hz, 48.00Hz, 50.00Hz, 59.94Hz, 60.00Hz
- Configurable with: Nano-texture display
- Display Support: Simultaneously supports full native resolution on the built-in display at 1 billion colors and:
- : Up to two external displays with up to 6K resolution at 60Hz over Thunderbolt, or one external display with up to 6K resolution at 60Hz over Thunderbolt and one external display with up to 4K resolution
- : One external display supported at 8K resolution at 60Hz or one external display at 4K resolution at 240Hz over HDMI

Platform

- Processor: Apple M4 chip, 12-core CPU with 8 performance cores and 4 efficiency cores
- : 16-core GPU
- : Hardware-accelerated ray tracing
- : 16-core Neural Engine
- : 273GB/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
- Operating System: macOS

Memory

- RAM: 24 GB
- Hard Drive: 512GB SSD

Ports

- 1 x SDXC card slot
- 1 x HDMI port
- 1 x 3.5mm headphone jack
- 1 x MagSafe 3 port
- Three Thunderbolt 5 (USB-C) ports with support for:
- : Charging
- : DisplayPort
- : Thunderbolt 5 (up to 120Gb/s)
- : Thunderbolt 4 (up to 40Gb/s)

- : USB 4 (up to 40Gb/s)

Audio

- High-fidelity six-speaker system with power-canceling woofers
- Wide stereo sound
- Support for Spatial Audio when playing music or video with Dolby Atmos on built-in speakers
- Spatial Audio with dynamic head tracking when using AirPods (3rd generation), AirPods 4, AirPods Pro, AirPods Pro 2, and AirPods Max
- Studio-quality three-mic array with high signal-to-noise ratio and directional beamforming
- 3.5 mm headphone jack with advanced support for high-impedance headphones
- HDMI port supports multichannel audio output

Video Playback

- Supported formats include HEVC, H.264, AV1, and ProResHDR 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

Connectivity

- Wi-Fi 6E (802.11ax)
- Bluetooth 5.3

Camera

- 12MP Center Stage camera with support for Desk View
- 1080p HD video recording
- Advanced image signal processor with computational video

Keyboard and Trackpad

- Backlit Magic Keyboard with:
- : 78 (U.S.) or 79 (ISO) keys including 12 full-height function keys and 4 arrow keys in an inverted-T arrangement
- : Touch ID
- : Ambient light sensor
- : Force Touch trackpad for precise cursor control and pressure-sensing capabilities; enables Force clicks, accelerators, pressure-sensitive drawing, and Multi-Touch gestures

Battery

- Up to 24 hours video streaming

- Up to 14 hours wireless web
- 72.4-watt-hour lithium-polymer battery
- 70W USB-C Power Adapter
- USB-C to MagSafe 3 Cable
- Fast-charge capable with 96W USB-C Power Adapter

Included in the Box

- 14-inch MacBook Pro
- 70W USB-C Power Adapter
- USB-C to MagSafe 3 Cable (2 m)
- Polishing cloth (only with nano-texture display option)

Accessibility

- Accessibility features help people with disabilities get the most out of their new MacBook Pro
- With built-in support for vision, hearing, mobility, and learning, you can create and do amazing things
- Features include: Voice Control, Voice Over, Zoom, Increase Contrast, Reduce Motion, Siri and Dictation, Switch Control, Closed Captions, Text to Speech

Dimensions & Weight

- Dimensions (HxWxD): 1.55 x 31.26 x 22.12 cm
- Weight: 1.60 kg