

14-inch

16-inch



Finish



Silver

Space Gray

Price

\$1999

\$2499

\$3099

Chip



Apple M2 Pro chip

10-core CPU with
6 performance cores and
4 efficiency cores

16-core GPU



Apple M2 Pro chip

12-core CPU with
8 performance cores and
4 efficiency cores

19-core GPU



Apple M2 Max chip

12-core CPU with
8 performance cores and
4 efficiency cores

30-core GPU

16-core Neural Engine

200GB/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**Configurable to:**M2 Pro with 12-core CPU
and 19-core GPU, M2 Max
with 12-core CPU and
30-core GPU, or M2 Max
with 12-core CPU and
38-core GPU

16-core Neural Engine

200GB/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**Configurable to:**M2 Max with 12-core CPU
and 30-core GPU or
M2 Max with 12-core CPU
and 38-core GPU

16-core Neural Engine

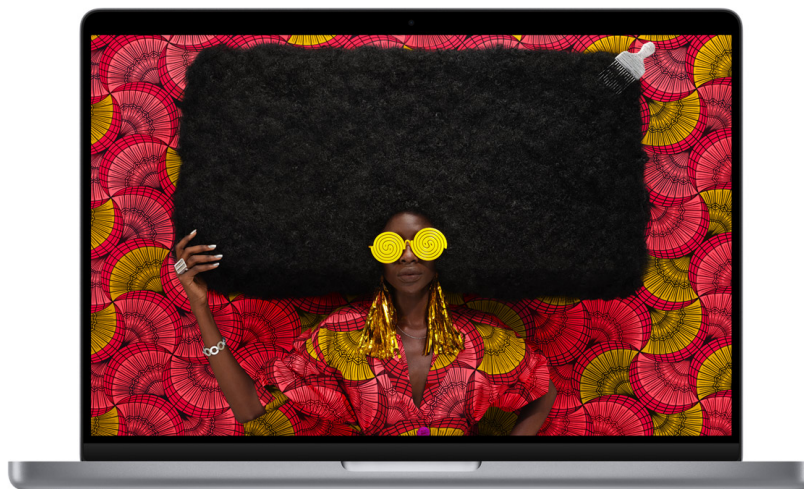
400GB/s memory
bandwidth**Media engine**Hardware-accelerated
H.264, HEVC, ProRes, and
ProRes RAW

Video decode engine

Two video encode engines

Two ProRes encode and
decode engines**Configurable to:**M2 Max with 12-core CPU
and 38-core GPU

Display

Liquid Retina XDR display14.2-inch (diagonal) Liquid Retina XDR display;¹ 3024-by-1964 native resolution at 254 pixels per inch**XDR (Extreme Dynamic Range)**

1,000,000:1 contrast ratio

XDR brightness: 1000 nits sustained full-screen, 1600 nits peak² (HDR content only)

SDR brightness: 500 nits

Color

1 billion colors

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

Memory**16GB**

16GB unified memory

Configurable to:32GB (M2 Pro or M2 Max),
64GB (M2 Max), or 96GB
(M2 Max with 38-core
GPU)**16GB**

16GB unified memory

Configurable to:32GB (M2 Pro or M2 Max),
64GB (M2 Max), or 96GB
(M2 Max with 38-core
GPU)**32GB**

32GB unified memory

Configurable to:64GB (M2 Max) or 96GB
(M2 Max with 38-core
GPU)**Battery and Power³**

Up to 18 hours Apple TV app movie playback

Up to 12 hours wireless web

70-watt-hour lithium-polymer battery³67W USB-C Power Adapter (included with M2 Pro with
10-core CPU)96W USB-C Power Adapter (included with M2 Pro with 12-core
CPU or M2 Max, configurable with M2 Pro with 10-core CPU)

USB-C to MagSafe 3 Cable

Fast-charge capable with 96W USB-C Power Adapter

Storage⁴**512GB**

512GB SSD

Configurable to:

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

1TB

1TB SSD

Configurable to:

2TB, 4TB, or 8TB

1TB

1TB SSD

Configurable to:

2TB, 4TB, or 8TB

Charging and Expansion

SDXC card slot

HDMI port

3.5 mm headphone jack

MagSafe 3 port

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

Charging

DisplayPort

Thunderbolt 4 (up to 40Gb/s)

USB 4 (up to 40Gb/s)

MagSafe 3

3.5 mm headphone jack

Thunderbolt 4

SDXC

HDMI

Thunderbolt 4

Display Support

M2 Pro

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 at 144Hz over HDMI

One external display supported at 8K resolution at 60Hz or one external display at 4K resolution at 240Hz over HDMI

M2 Max

Simultaneously supports full native resolution on the built-in display at 1 billion colors and:

Up to four external displays: Up to three external displays with 6K resolution at 60Hz over Thunderbolt and one external display with up to 4K resolution at 144Hz over HDMI

Up to three external displays: Up to two external displays with 6K resolution at 60Hz over Thunderbolt and one external display with up to 8K resolution at 60Hz or one external display with 4K resolution at 240Hz over HDMI

Thunderbolt 4 digital video output

Support for native DisplayPort output over USB-C

HDMI digital video output

Support for one display with up to 8K resolution at 60Hz or 4K resolution at 240Hz

Video Playback

Supported formats include HEVC, H.264, and ProRes
HDR with Dolby Vision, HDR10, and HLG

Audio Playback

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

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

Force Touch trackpad

Wireless

Wi-Fi

Wi-Fi 6E (802.11ax)⁵

Bluetooth

Bluetooth 5.3

Camera

1080p FaceTime HD camera

Advanced image signal processor with computational video

Audio

High-fidelity six-speaker sound system with force-cancelling 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 Pro, 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

Operating Requirements

Line voltage: 100V to 240V AC

Frequency: 50Hz to 60Hz

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

Storage temperature: -13° to 113° F (-25° to 45° C)

Relative humidity: 0% to 90% noncondensing

Operating altitude: tested up to 10,000 feet

Maximum storage altitude: 15,000 feet

Maximum shipping altitude: 35,000 feet

Size and Weight

Height 0.61 inch (1.55 cm)

Width: 12.31 inches (31.26 cm)

Depth: 8.71 inches (22.12 cm)

Weight (M2 Pro): 3.5 pounds (1.60 kg)⁶

Weight (M2 Max): 3.6 pounds (1.63 kg)⁶

8.71 inches (22.12 cm)

12.31 inches (31.26 cm)

0.61 inch (1.55 cm)

Operating System

macOS

macOS is the most advanced desktop operating system in the world. macOS Ventura makes the things you do most on Mac even better, so you can work smarter, play harder, and go further.

[Learn more >](#)

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.

[Learn more >](#)

Features include:

Voice Control

Increase Contrast

Switch Control

VoiceOver

Reduce Motion

Closed Captions

Zoom

Siri and Dictation

Text to Speech

Built-in Apps⁷

App Store

Books

Calendar

Contacts

FaceTime

Find My

GarageBand Home iMovie Keynote Mail Maps

Messages Music News Notes Numbers Pages

Photo Booth Photos Podcasts Preview QuickTime Player Reminders

Safari Shortcuts Siri Stocks Time Machine TV

Voice Memos

In the Box

14-inch MacBook Pro

67W USB-C Power Adapter (M2 Pro with 10-core CPU) or 96W USB-C Power Adapter (M2 Pro with 12-core CPU or M2 Max)

USB-C to MagSafe 3 Cable (2 m)