

Monterey OS & New Mac Computers

Monterey

- Expanded FaceTime
- Redesigned Safari
- Universal Control
- Shortcuts
- Focus
- Other enhancements

FaceTime

- SharePlay - Stream movies,TV shows and music while share on FaceTime calls
- Share your whole screen or just an App on a FaceTime call
- View group calls in a grid
- Blur the background behind you
- Create Web Links to schedule FaceTime

Safari

- New compact tab bar takes less space
- New Tab Groups can be named then hold other tabs
- Drag Tab Groups into an email
- Tab Groups sync across all Apple devices
- Redesigned side bar
- Intelligent Tracking Prevention

Universal Control

- User Mac keyboard, mouse, trackpad across Mac **AND** iPad
- No set up required unless used continuously
- Drag & drop content between devices
- Works with up to 3 devices
- Late Fall release

Shortcuts

- Improved sharing
- System-wide shortcuts (Finder, menu bar, spotlight, dock, desktop)
- New rebuild shortcuts to use or customize
- Build & manage shortcuts on iPhone, iPad or Mac

Focus

- A Focus only allows the notifications you want (based on person or App)
- Start with suggested Focus options, then create your own
- Signal your status using Focus
- Syncs across all devices
- Urgent message delivery options

Messages

- New Shared with You section to hold links, images and other content
- Links with Photos, Safari, Apple News, Apple Podcasts for shared content
- Multiple photos in Messages can appear as a collage, grid or stack to flip through

Quick Note

- Create a Note while working
- Add to Hot Corners
- In Safari, click 3 dots: “add to quick note”
- If you have a Function key to left of Control key, fn-Q, OR
- System Preferences>Keyboard/Shortcuts, Click on Mission Control, scroll to bottom, change keyboard shortcut for Quick Note

Notes

- Tag & Tag browser - Add #tag name
- Smart folders based on tags
- Shared Notes:
 - Activity View - click on Collaborate to show activity
 - Highlights - click on Collaborate, show highlights

Live Text

- Allows you to select and copy text found in an image/photo open in Photos or Preview App
- Works on any photo in Apple device
- Takes text visible in image, turns into text that can be pasted in document, email, message, contacts, safari, etc
- <https://themacau.com/members-home/macOS-monterey-whats-new-tutorial/>

Visual Lookup

- Recognizes and catalogs objects: plants, dogs, landmarks, paintings, books, etc
- Visual lookup occurs automatically on ALL photos in Photos App on all devices
- The Info icon, ⓘ adds a couple sparkles, ✨ ⓘ to let you know it recognizes the object
- Click on the ✨ ⓘ and an icon is placed over the recognized object. Click on it to identify the object from Wikipedia et. al.

Maps

- Interactive 3D globe of the earth
- New detailed city experiences
- New driving features
- Redesigned transit maps & schedules
- Improved searches

iCloud+

- iCloud Private Relay
- Hide my email
- HomeKit secure video
- Customized email domain

New Mac Computers



MacBook Pro 13"

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Apple M1 chip



New

MacBook Pro 14"

From \$1999

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Apple M1 Pro chip or Apple M1 Max chip



New

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Apple M1 Pro chip or Apple M1 Max chip

New Chips

- Old one: Apple M1
- New ones:
 - Apple M1 Pro
 - Apple M1 Max

M1 Pro Chip

- Up to 10-core CPU
- Up to 16-core GPU
- 16-core neural engine
- Up to 32GB of unified memory
- Up to 200GB/s memory bandwidth
- Support for two external ProDisplay XDRs

M1 Max Chip

- 10-core CPU
- Up to 32-core GPU
- 16-core neural engine
- Up to 64GB of unified memory
- Up to 400GB/s memory bandwidth
- Support for four external displays (3 XDRs & 1 - 4K TV)

What that means:


- Faster CPU performance
- Faster GPU performance
- Faster Streaming
- More and larger resolution displays
- Faster gaming
- LONGER battery life

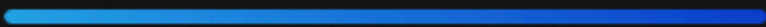
CPU Performance

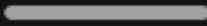
Xcode / NASA TetrUSS / Logic Pro / Vectorworks / Affinity Photo

Faster project build⁷


14" model

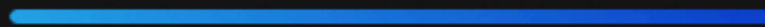
 3.7x
M1 Max with 10-core CPU

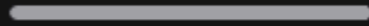
 3.7x
M1 Pro with 10-core CPU


Quad-core Intel Core i7
13-inch MacBook Pro

16" model

 2.1x
M1 Max with 10-core CPU

 2.1x
M1 Pro with 10-core CPU

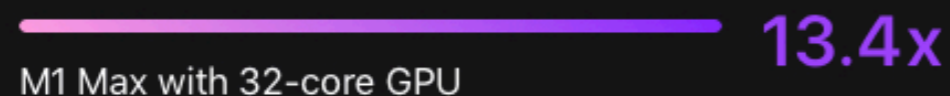

8-core Intel Core i9
16-inch MacBook Pro

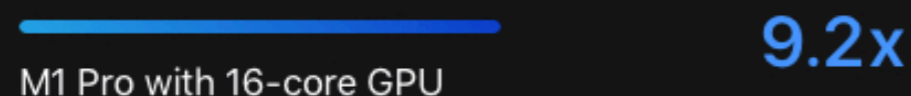
GPU Performance


Final Cut Pro / Maxon Cinema 4D / Blackmagic DaVinci Resolve Studio
/ Adobe Photoshop / Affinity Photo

Faster 4K render speed¹²

14" model


 **13.4x**
M1 Max with 32-core GPU

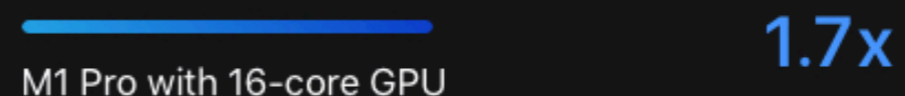
 **9.2x**
M1 Pro with 16-core GPU

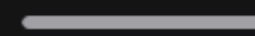

13-inch MacBook Pro
with Intel Iris Plus

Faster 8K render speed¹³

16" model

 **2.9x**
M1 Max with 32-core GPU

 **1.7x**
M1 Pro with 16-core GPU


16-inch MacBook Pro with
Radeon Pro 5600M and 8GB HBM2

Battery life

14" model

Up to

17 hrs

video playback²¹

Up to

11 hrs

wireless web
browsing²¹

16" model

Up to

21 hrs

video playback²²

Up to

14 hrs

wireless web
browsing²²

New Displays

Liquid Retina XDR. The best display ever in a notebook features Extreme Dynamic Range and a million to one contrast ratio. HDR content comes to life in photos, video, and games — with refined specular highlights, incredible detail in shadows, and vibrant, true-to-life colors. Each display is factory calibrated and features pro reference modes for HDR color grading, photography, design, and print production.

ProMotion. ProMotion comes to Mac for the first time, making everything from scrolling through a web page to gaming super fluid and responsive — while also reducing power consumption. With refresh rates of up to 120Hz, the adaptive technology automatically adjusts to match the movement of the content. ProMotion video editors can also choose a fixed refresh rate that precisely aligns with their footage.

Other New Features

- 1080p HD Camera
- Embedded 3 studio quality microphones allowing directional beam forming
- Six speaker sound system with 80% more bass and spatial audio

Other New Features

- SDXC card reader
- 3.5mm headphone jack for spatial audio
- Three Thunderbolt 4 ports
- MagSafe 3 power port
- HDMI port

References

- <https://www.apple.com/macbook-pro-14-and-16/specs/>
- <https://www.apple.com/macOS/monterey/features/>
- <https://themacau.com/members-home/macOS-monterey-whats-new-tutorial/>
- Type “new features Monterey” in Youtube