# WWDC - June 2023

## GAMUG 2023-13-06

“Dream it. Chase it. Code it.”

# One more thing...

Vision Pro

Apple website - https://www.apple.com/apple-vision-pro/

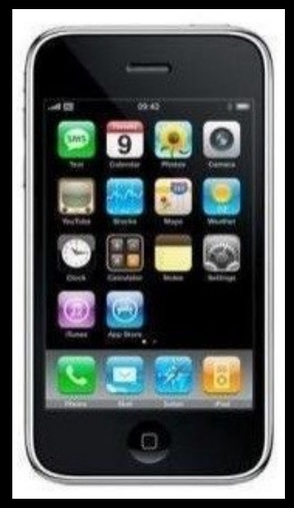
Click image for Video 1:18

Introducing

# Vision Pro

Click image for Video 9:21

Mac - introduced us to Personal computing



iPhone - introduced us to Mobile computing

Vision Pro - introduces us to Spatial computing

# iOS 17

Apple website - https://www.apple.com/ios/ios-17-preview/

Click image for Video 4:48

Hey "Siri"

Find My Item Sharing

Pets albums in Photos

Contact Posters

Offline maps

NameDrop

Swipe to reply

Leave a FaceTime message

Journal

iOS

StandBy

Check In

Live Stickers

Live Voicemail

Improved autocorrect

Apple website - https://www.apple.com/ios/ios-17-preview/

# New MacBook Air 15”

Apple website - https://www.apple.com/macbook-air-13-and-15-m2/

New MacBook Air 15”

Introducing

# MacBook Air 15”

Click image for Video  2:25

M2

Up to
**12x faster**
than fastest Intel-based MacBook Air

**8-core**
CPU

**10-core**
GPU

1080p camera

MagSafe

Touch ID

Magic Keyboard

3.3 pounds

Up to **18 hours** battery life

World's thinnest 15″ laptop

**1 billion colors**

Up to
**500**
nits of brightness

Silent 🤫 design

**15.3″**
Liquid Retina display

Six-speaker sound system

Up to
**24GB**
memory

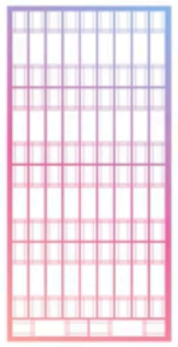
Up to
**2TB**
storage

# Summary

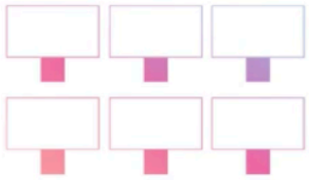
Click image for Video 2:23

Other updates

24-core
CPU



Up to
76-core
GPU



Supports up to six
Pro Display XDRs

134
billion
transistors

32-core
Neural Engine
31.6 trillion operations per second

ProRes encode and decode

Up to
20% faster
CPU

Up to
30% faster
GPU

800GB/s
Memory bandwidth

Up to
192GB
unified memory

Second-generation
5 nm technology

UltraFusion architecture

# Other updates

M2 MAX

M2 ULTRA

10Gb Ethernet

HDMI

SDXC

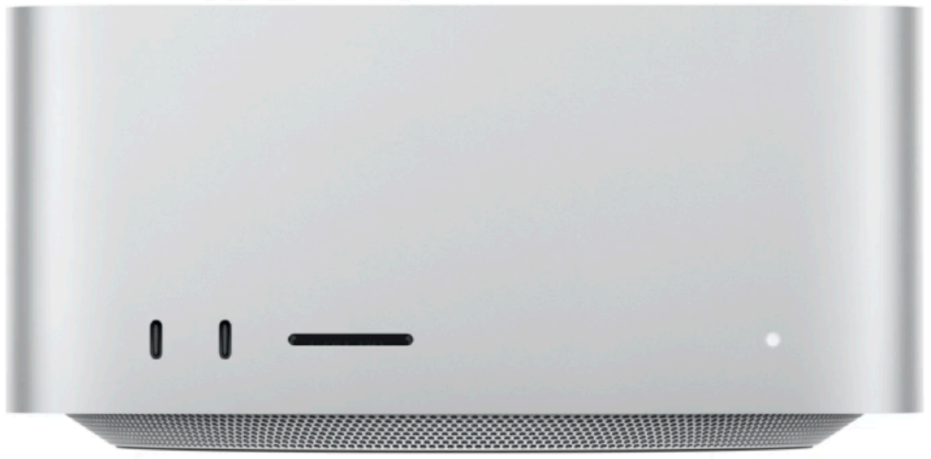
Thunderbolt 4

Up to
**192GB**
unified memory

Up to
**800GB/s**
memory bandwidth

Up to
**24-core**
CPU

Up to
**76-core**
GPU



Wi-Fi 6E

Bluetooth 5.3

Up to
**8TB**
storage

M2 Max model
up to
**4x faster**
than fastest
Intel-based iMac

M2 Ultra model
up to
**6x faster**
than fastest
Intel-based iMac

8K

Display support

macOS Ventura

Up to
**40% faster**
Neural Engine

Media engine with
**H.264, HEVC, ProRes encode and decode**

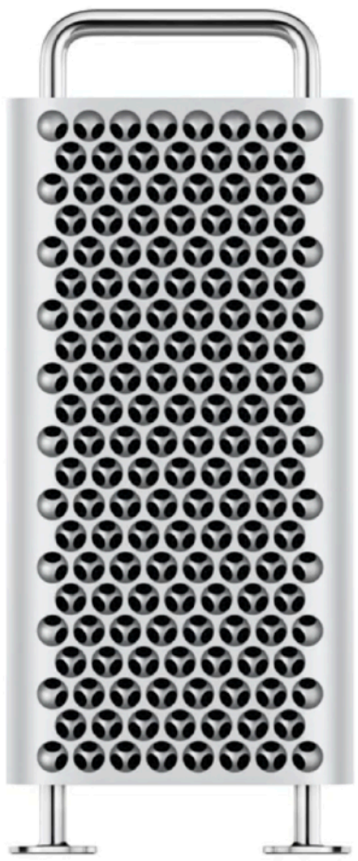
Apple website - https://www.apple.com/mac-studio/

# Other updates

M2 ULTRA

Two HDMI ports

Dual 10Gb Ethernet



Supports up to six Pro Display XDRs

Eight Thunderbolt 4 ports

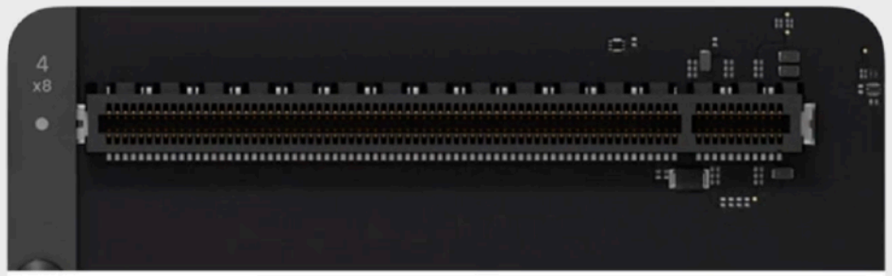
Up to
192GB
unified memory

Up to
24-core
CPU

Up to
76-core
GPU

Up to
3x faster
than fastest Intel-based Mac Pro

Up to
7x faster
than starting config of Intel-based Mac Pro

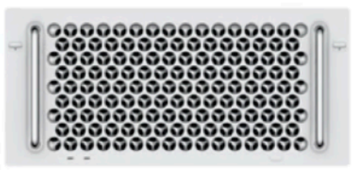



Six open PCIe gen 4 slots

32-core
Neural Engine
31.6 trillion operations per second

Wi-Fi 6E

Bluetooth 5.3



Rack mount available

Up to
22
streams
of 8K ProRes

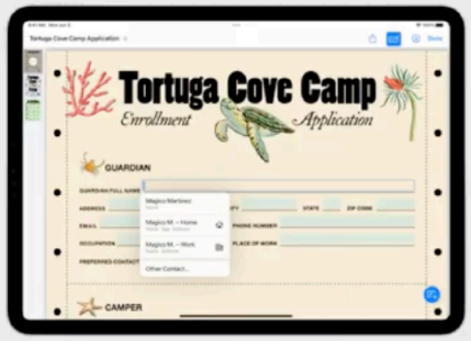
Apple website - https://www.apple.com/mac-pro/

# Other updates

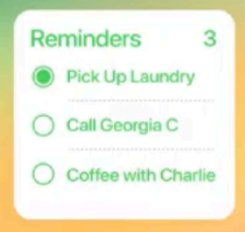
Flexible layouts

Offline maps

PDF AutoFill




Interactive widgets




External camera on iPad

Live Stickers in Messages

Leave a FaceTime message

Predictive text

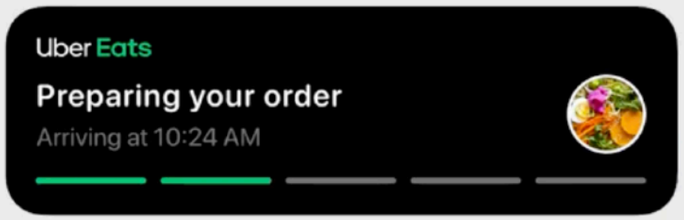
iPadOS

New tools in Freeform

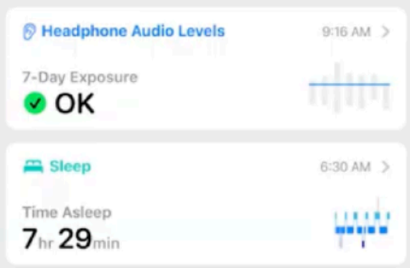
AirDrop continues when out of range

Redesigned Lock Screen

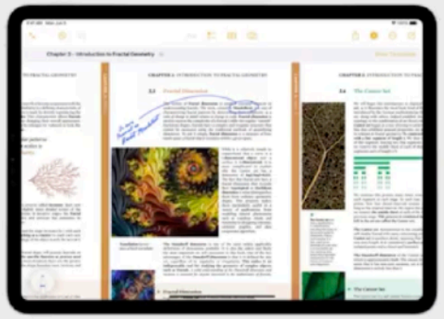
Live Activities




Health app



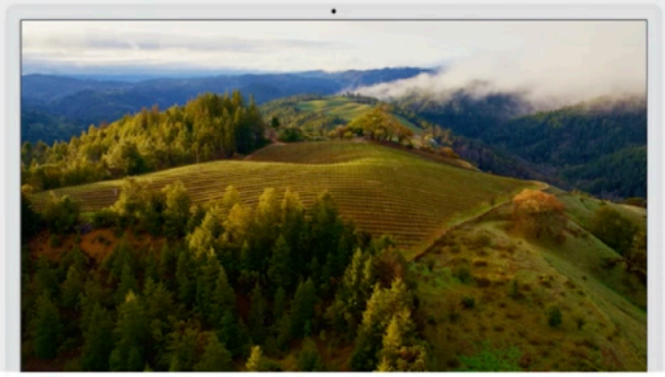

Inline PDF



Apple website - https://www.apple.com/ipados/ipados-17-preview/

# Other updates

Screen savers



Personal
Business
School
Work

Profiles in Safari

Game mode

~~Hey~~ "Siri"

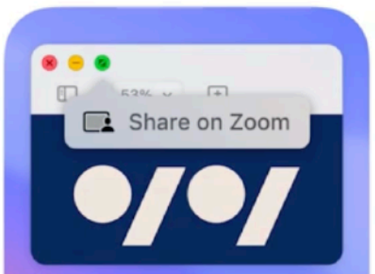
Live Stickers in Messages

Predictive text

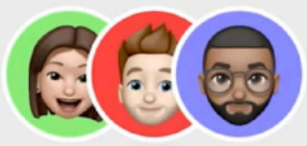
Camera reactions

macOS Sonoma

Presenter Overlay




Screen Sharing picker



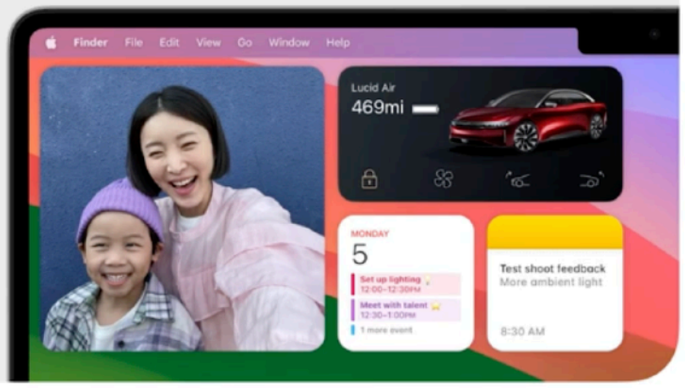
Shared passwords

Locked Private Browsing windows

Web apps in Dock

Document AutoFill

Widgets on desktop




Apple website - https://www.apple.com/macos/sonoma-preview/

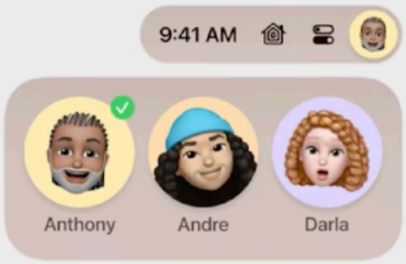
# Other updates

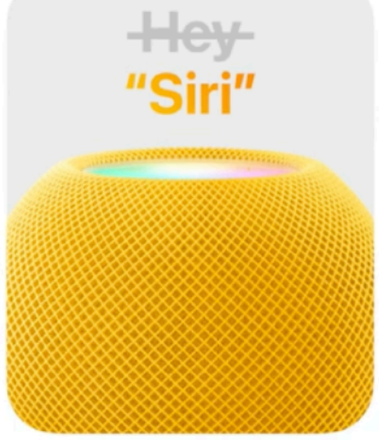
Faster AirPods Automatic Switching

Press to mute

Smart AirPlay suggestions

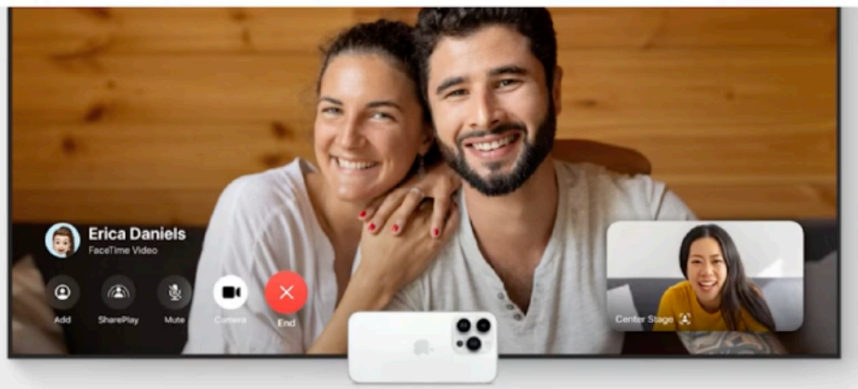
Redesigned Control Center on Apple TV



Screen saver with Memories

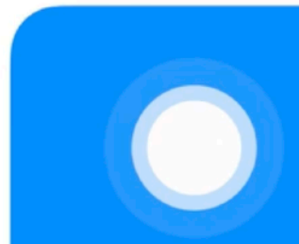
# Audio & Home




FaceTime on Apple TV

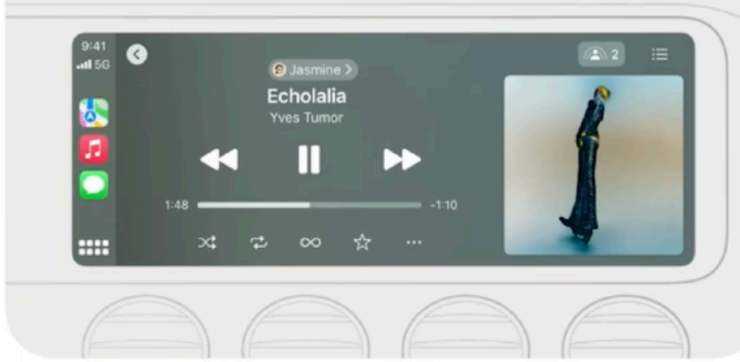
Adaptive Audio

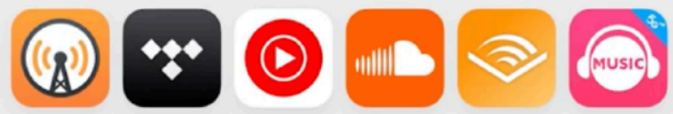
Continuity Camera on tvOS



Locate Siri Remote

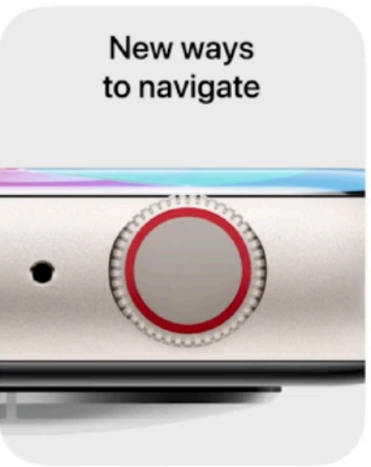
SharePlay in the car

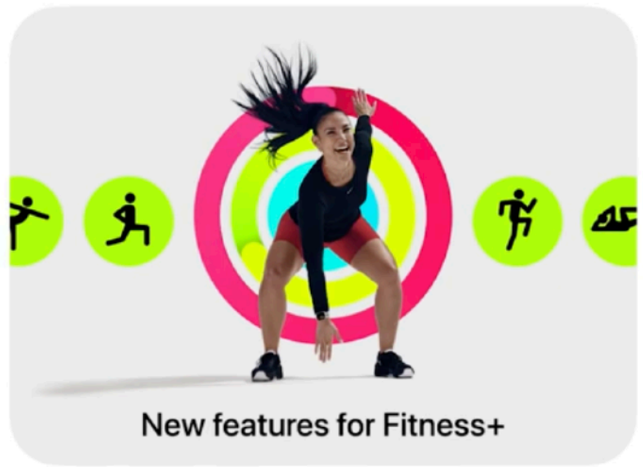


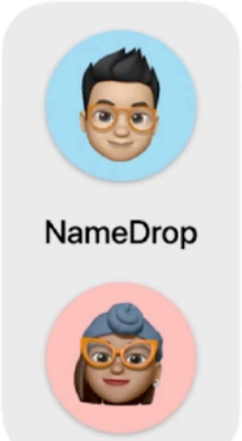



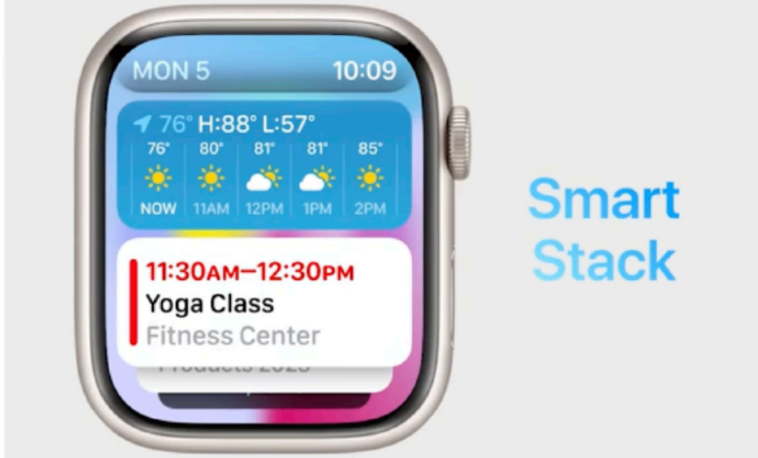
Siri support for AirPlay on HomePod

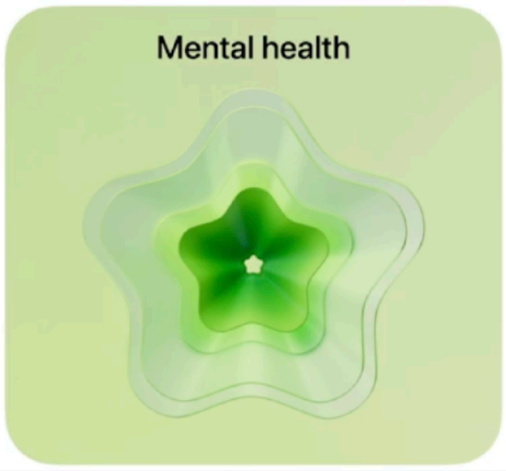
# Other updates

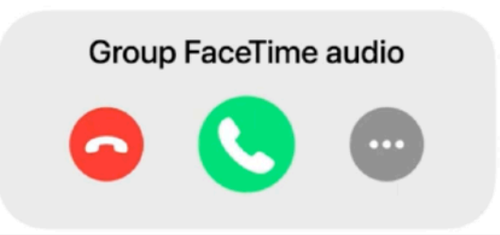


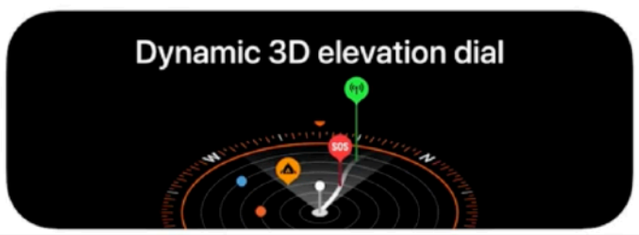











Apple website - https://www.apple.com/watchos/watchos-preview/