

# Apple Worldwide Developers Conference 2023

June 5 through June 9, 2023

## Major Apple Keynote Announcements

Presented by George Wilde





# Major WWDC Announcements

- Three New Mac Computers - No Longer Any Intel Macs
- New system software with new features coming to all Apple devices including Mac, iPhone, iPad, Apple TV, and Apple Watch
- macOS 14 Sonoma
- iOS 17, iPadOS 17, tvOS 17, and watchOS 10
- And “One More Thing”





# 15-inch MacBook Air with Apple M2 Chip





# 13-inch MacBook Air vs. 15-inch MacBook Air

	13-inch MacBook Air	New 15-inch MacBook Air
Processor	Apple M2	Apple M2
Memory	8GB / 16GB / 24GB	8GB / 16GB / 24GB
Storage	256GB / 512GB / 1TB / 2TB SSD	256GB / 512GB / 1TB / 2TB SSD
Display	13.6 inch, 2560 x 1664 LED-backlight display	15.3-inch, 2880 x 11864 LED-backlight display
Camera	1080p FaceTime HD camera	1080p FaceTime HD camera
Speakers	Four-speaker sound system with Spatial Audio support	Six-speaker sound system with Spatial Audio support
Keyboard	Backlit Magic Keyboard with Touch ID	Backlit Magic Keyboard with Touch ID
Ports	Thunderbolt USB 4 (2), MagSafe charging port	Thunderbolt USB 4 (2), MagSafe charging port
Weight	2.7 pounds	3.3 pounds
Price	From \$1099	From \$1299

# Mac Studio with Apple M2 Max and M2 Ultra Chips





# Mac Pro with Apple M2 Ultra Chip



# Mac Studio vs. Mac Pro

	Mac Studio (M2 Max or M2 Ultra)	Mac Pro (M2 Ultra)
Processor	Apple M2 Max or M2 Ultra with up to 24-core CPU	Apple M2 Max or M2 Ultra with 24-core CPU
Memory	32GB up to 192GB	64GB up to 192GB
Storage	512GB up to 8TB	1TB up to 8TB
Display Support	Up to eight 4K displays, six 6K displays, or three 8K displays	Up to eight 4K displays, six 6K displays, or three 8K displays
Video	Media engine for ProRes support	Media engine for ProRes support
Speakers	3.5 mm headphone jack & HDMI port for multichannel audio	3.5 mm headphone jack & HDMI port for multichannel audio
Keyboard	Magic Keyboard with Touch ID and Numeric Keypad	Magic Keyboard with Touch ID and Numeric Keypad
Ports	Thunderbolt 4 (4/6),USB-A (2), USB-C (2/0), HDMI, 10Gb Ethernet, SDXC card slot	Thunderbolt 4 USB-C (8),USB-A (3), HDMI (2), 10Gb Ethernet (2), PCI Express expansion slots (7)
Weight	5.9/7.9 pounds	37.2 pounds
Price	From \$1999/\$3999	From \$6999



# New Apple System Software

New system software coming to all Apple devices including Mac, iPhone, iPad, Apple TV, and Apple Watch

- macOS 14 Sonoma



- iOS 17, iPadOS 17, tvOS 17, and watchOS 10





# Brief History of Mac Operating Systems

- Classic Mac OS from System 1 in 1984 to Mac OS 9 in 1999

## 23 years of macOS

- |   |  |
|---|--|
| • 10.0 Cheetah in March 14, 2001                            | • 10.10 Yosemite in October 16, 2014                         |
| • 10.1 Puma in September 15, 2001                           | • 10.11 El Capitan in September 30, 2015                     |
| • 10.2 Jaguar in August 14, 2002                            | • 10.12 Sierra in September 20, 2016                         |
| • 10.3 Panther in October 24, 2003                          | • 10.13 High Sierra in September 25, 2017                    |
| • 10.4 Tiger in April 29, 2005 - PowerPC to Intel & Rosetta | • 10.14 Mojave in September 24, 2018                         |
| • 10.5 Leopard in October 26, 2007 (iPhone introduced)      | • 10.15 Catalina in October 7, 2019                          |
| • 10.6 Snow Leopard in August 28, 2009 - End PowerPC        | • 11.0 Big Sur in November 12, 2020 - Intel to Apple Silicon |
| • 10.7 Lion in July 20, 2011                                | • 12.0 Monterey in October 25, 2021                          |
| • 10.8 Mountain Lion in July 25, 2012                       | • 13.0 Ventura in October 24, 2022                           |
| • 10.9 Mavericks in October 22, 2013                        | • 14.0 Sonoma in Fall 2023                                   |



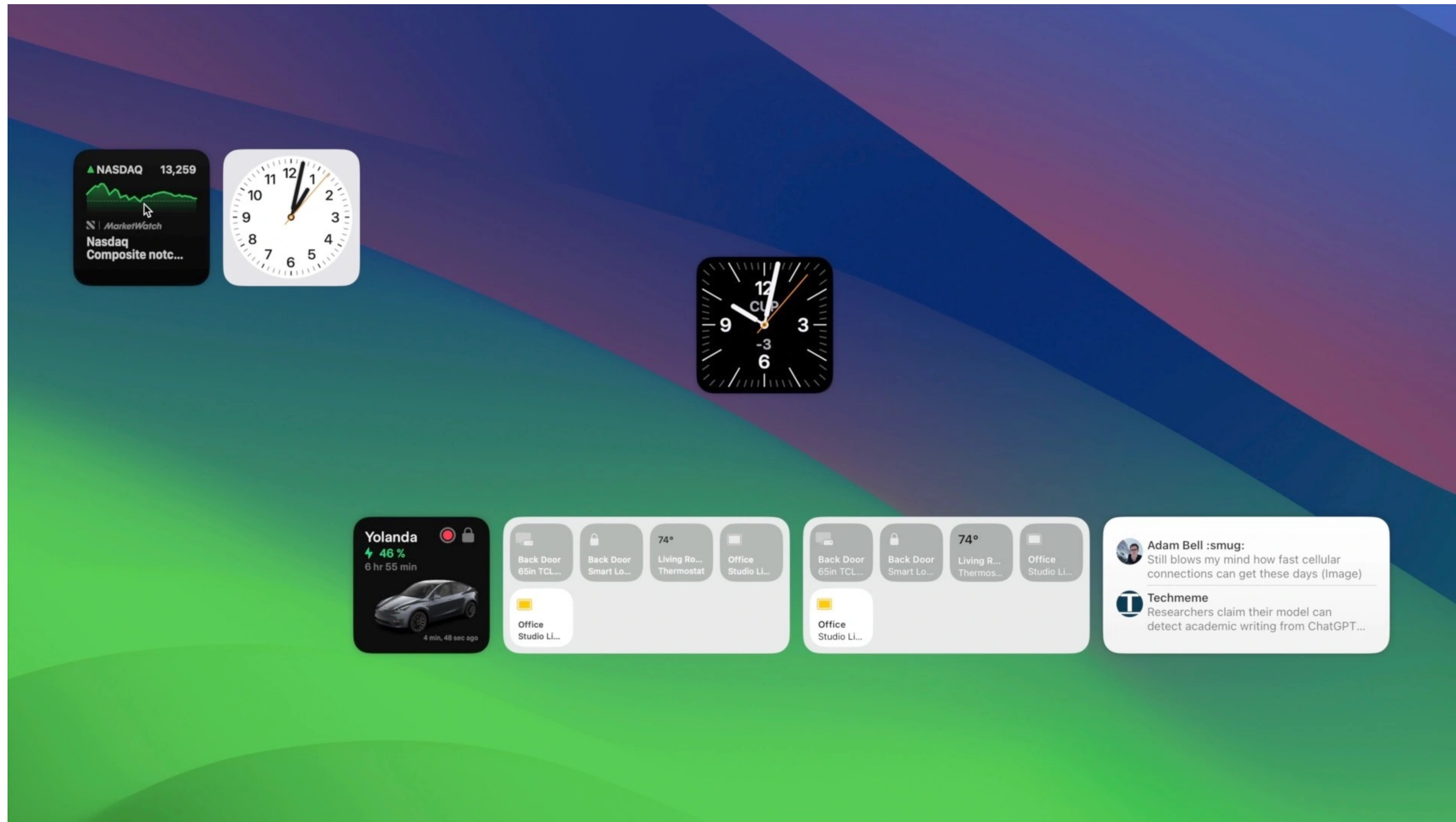
# macOS Sonoma Major New Features

- Interactive widgets on desktop
- Access iPhone widgets on Mac
- Locked private browsing mode
- Web apps in dock
- Game Mode for Apple silicon Macs
- Apple TV-like screen savers
- Video Conferencing improvements





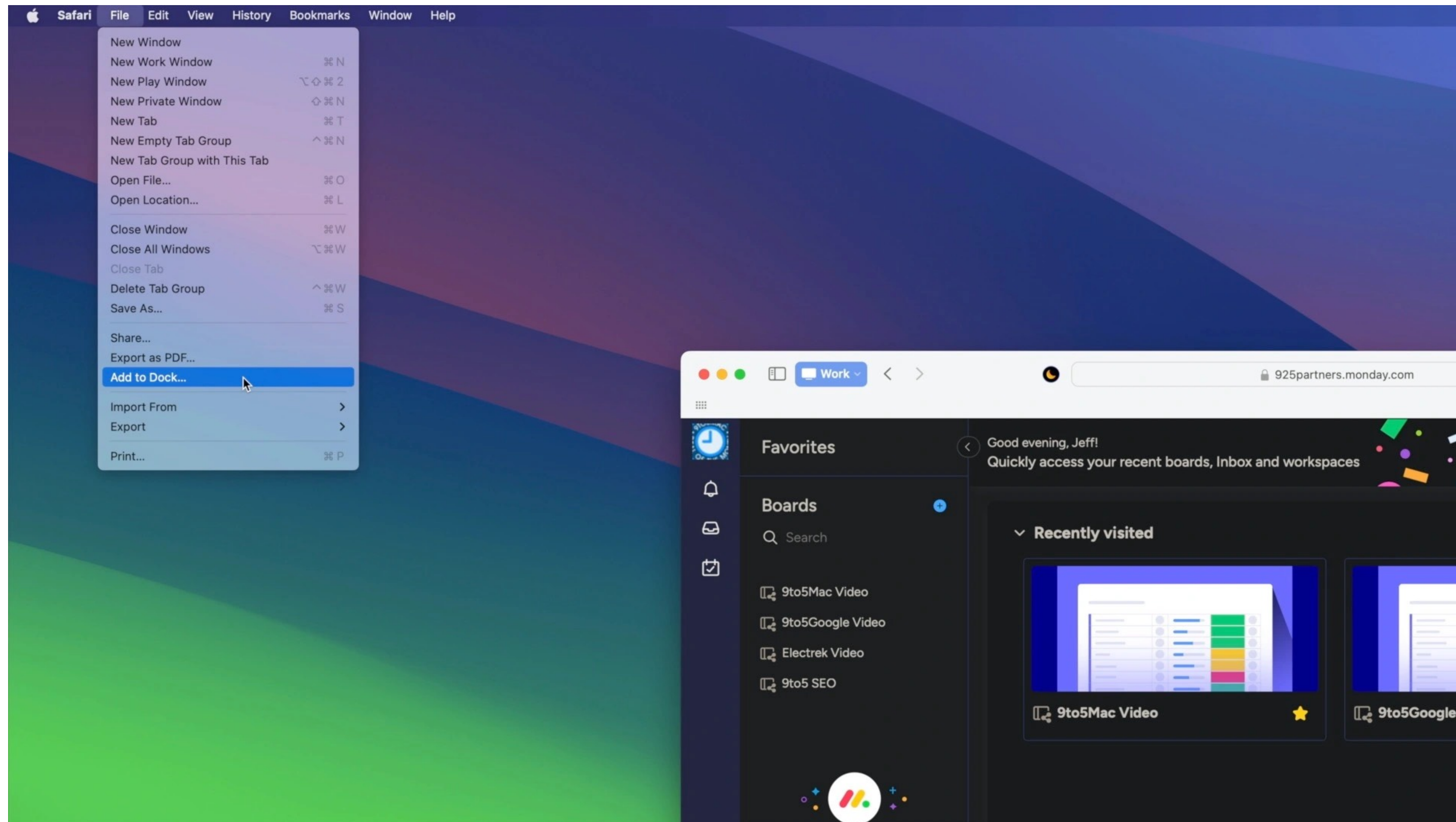
# macOS Sonoma Widgets



Interactive widgets on desktop plus access to iPhone widgets



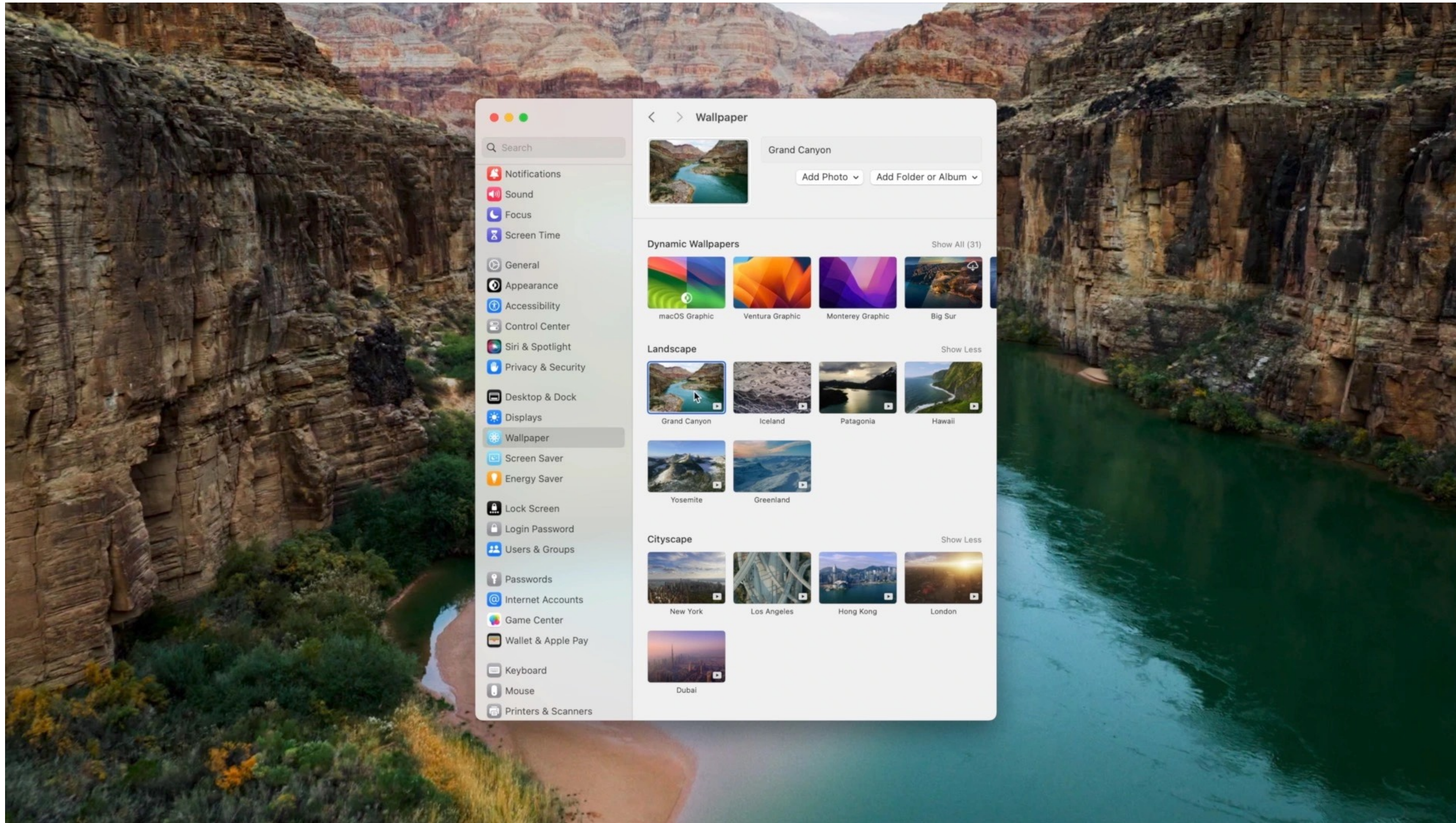
# macOS Sonoma Safari Improvements



Locked private browsing mode, Safari profiles, and Web apps



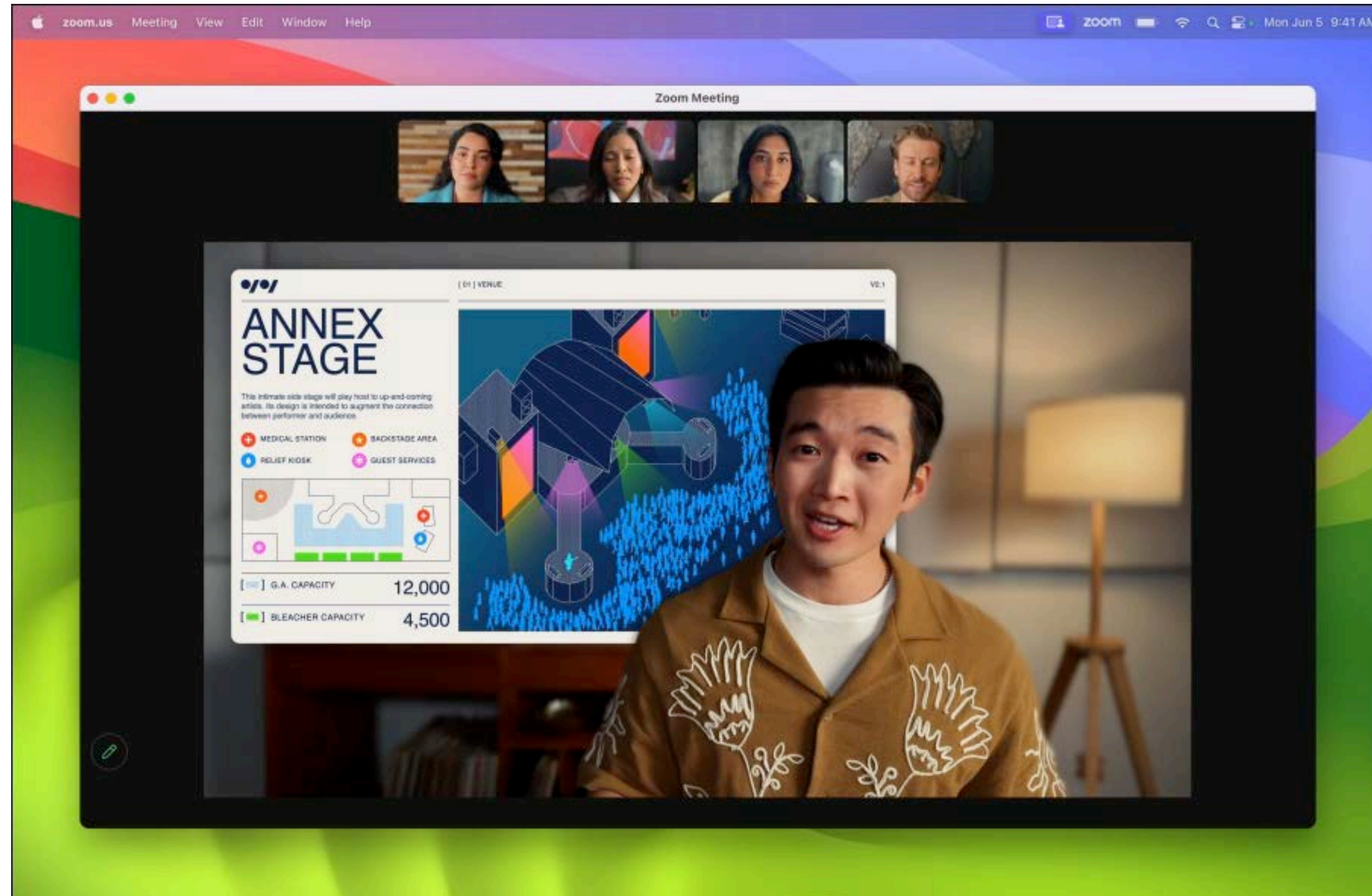
# macOS Sonoma Dynamic Screen Savers



Animated landscapes, city scapes, underwater scenes & overhead scenes similar to Apple TV serve as screen savers and desktop wallpaper



# macOS Sonoma Video Conferencing Improvements



Presenter overlay extracts presenter from background to superimpose presenter on presentation slides with FaceTime, Zoom, and other apps

# macOS 14 Sonoma Compatibility

iMac (2019 and later)

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iMac Pro (2017)

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MacBook Air (2018 and later)

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MacBook Pro (2018 and later)

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Mac Pro (2019 and later)

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Mac Studio (2022 and later)

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Mac mini (2018 and later)

Compatibility similar to macOS Ventura except that most 2017 models no longer supported

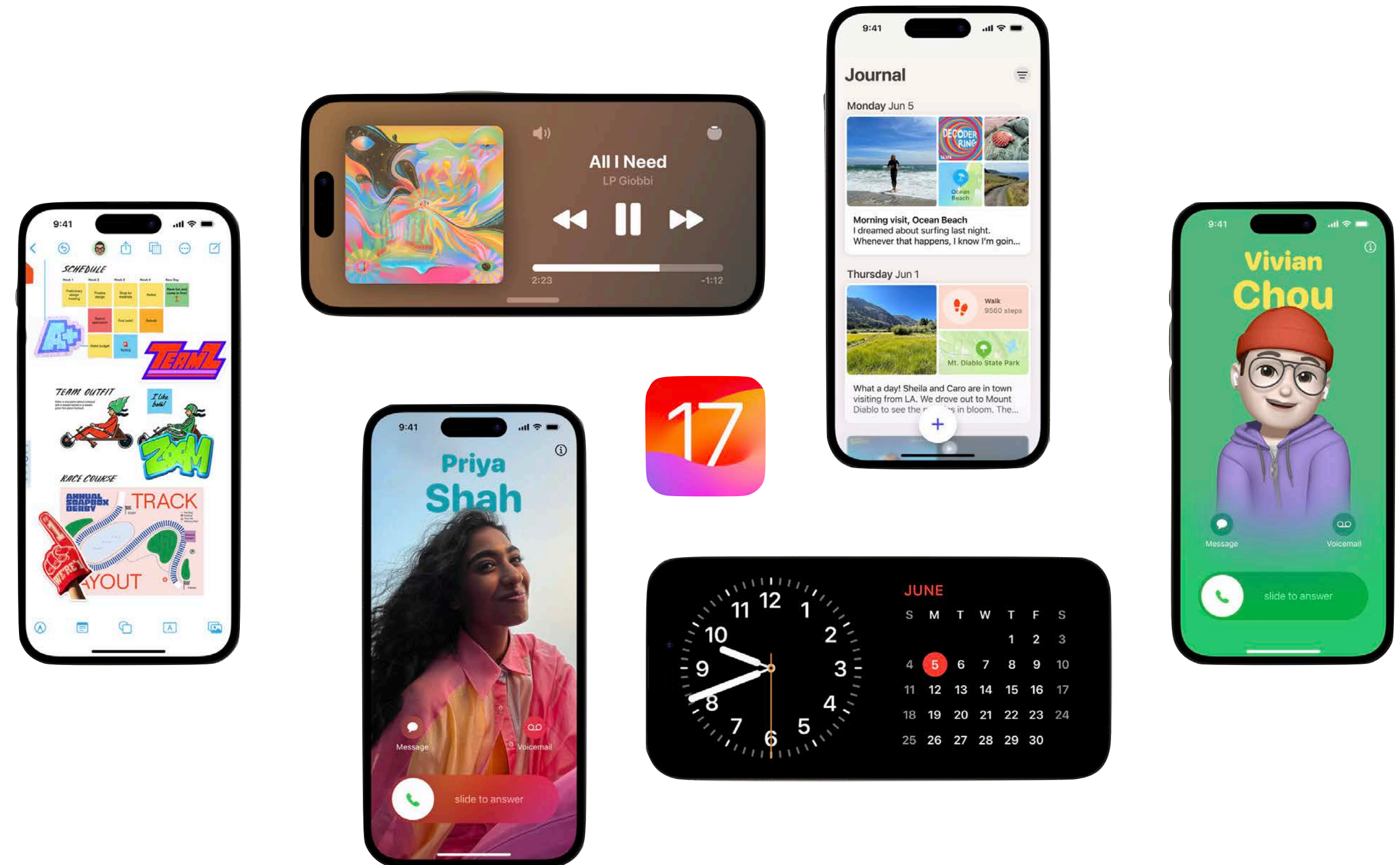


# MacOS Sonoma Feature Support

- Intel Macs still support most Sonoma features
- Only Apple Silicon (M1 and M2) Macs support the following new features
  - Presenter Overlay in video conferencing
  - Use of “Siri” instead of “Hey Siri”
  - Game Mode

# iOS 17 Major New Features

- Contact Posters
- Live Voicemail
- Stickers
- AirDrop and Name Drop
- Better autocorrect accuracy
- Interactive Widgets
- New Journal app
- StandBy



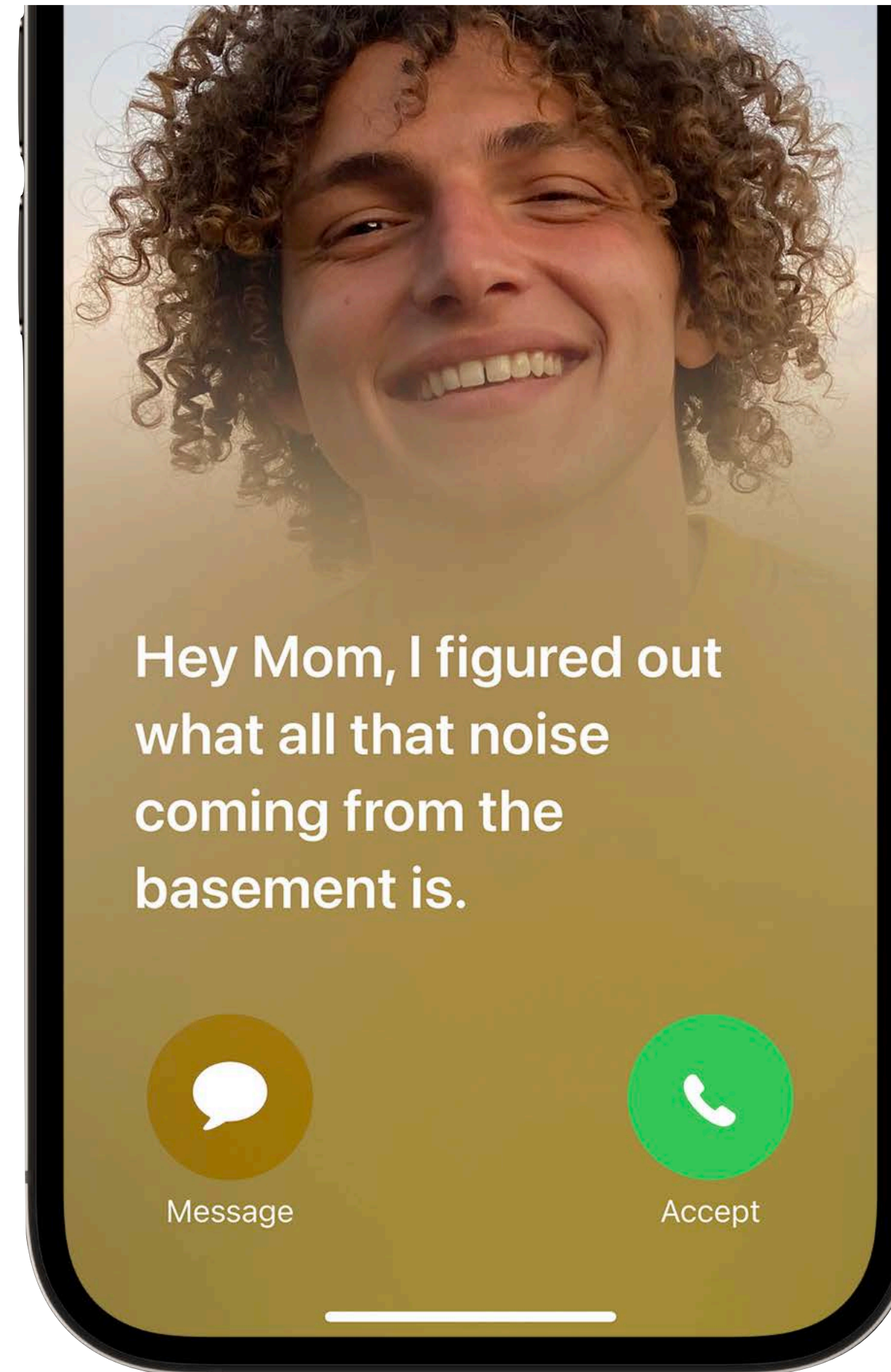


# iOS 17 Contact Posters



Customize what people see when you call

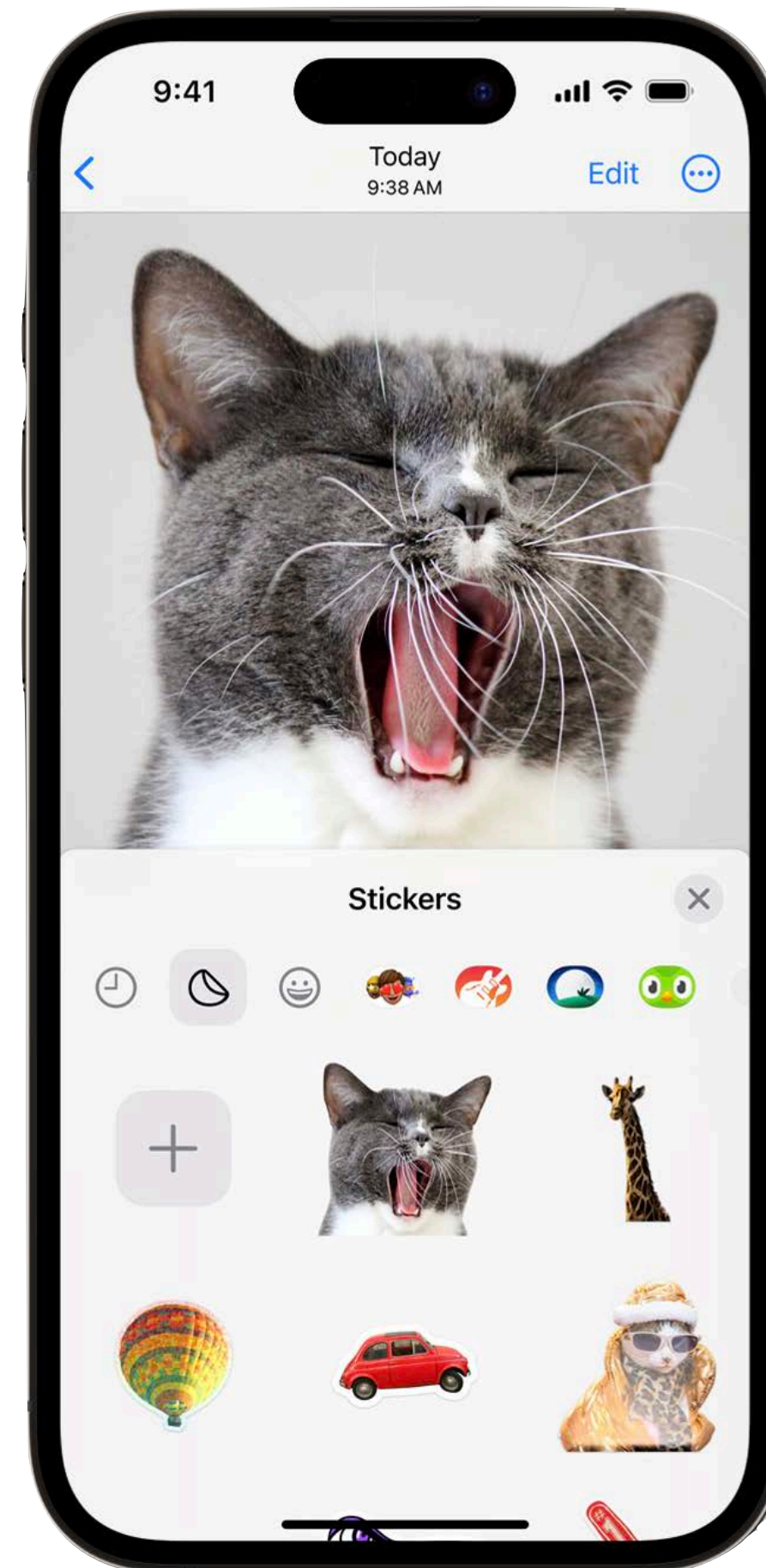
# iOS 17 Live Voicemail



Send a call to voicemail and see a live transcript of the message



# iOS 17 Stickers



Use your own photos to create Live Stickers



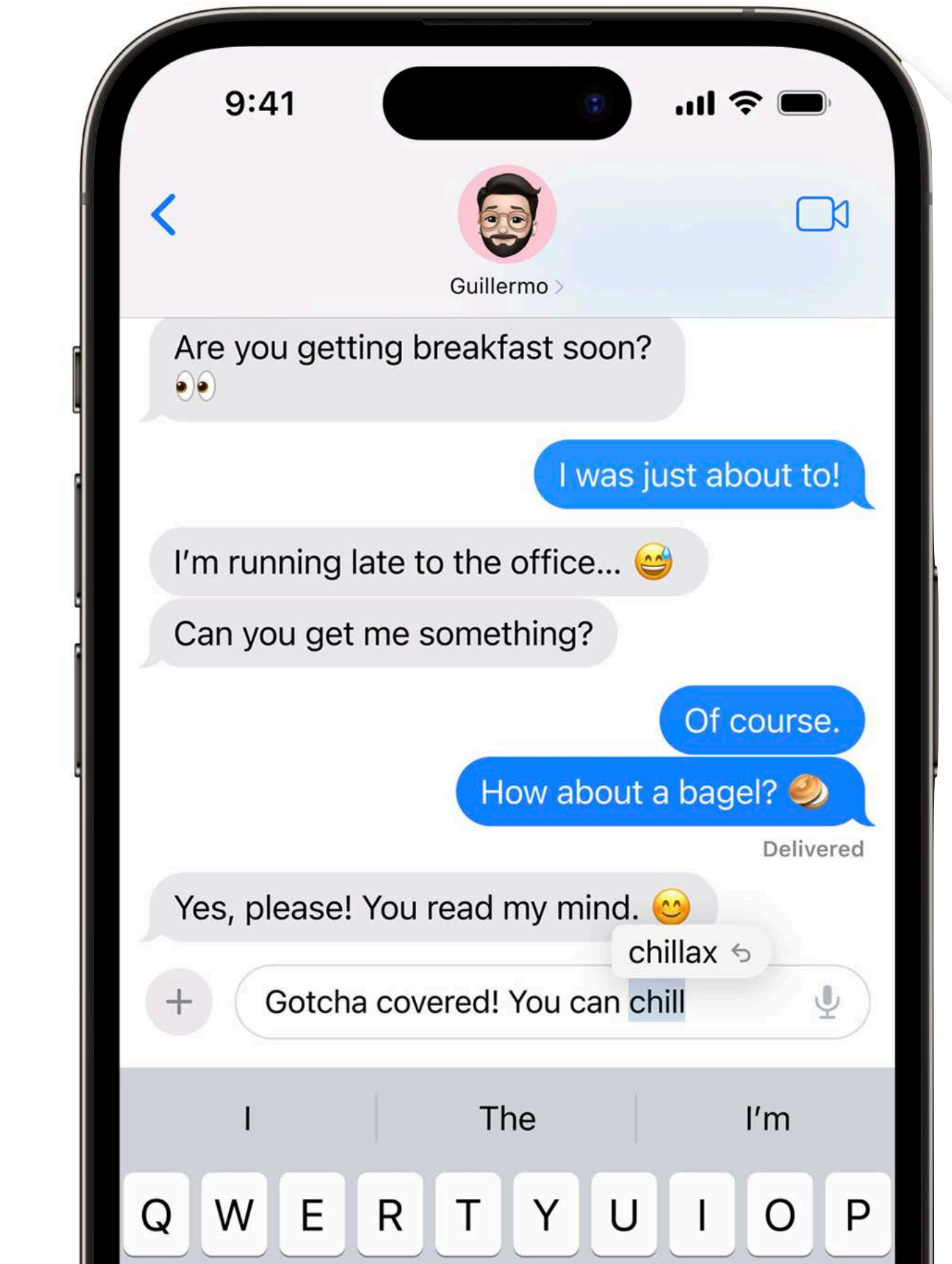
# iOS 17 AirDrop and Name Drop



Hold your iPhone near someone else's iPhone to use NameDrop



# iOS 17 Better Autocorrect Accuracy



Autocorrect delivers even better support as you type. Autocorrected words are temporarily underlined so you know what's been changed and you can revert back to the original word with just a tap.

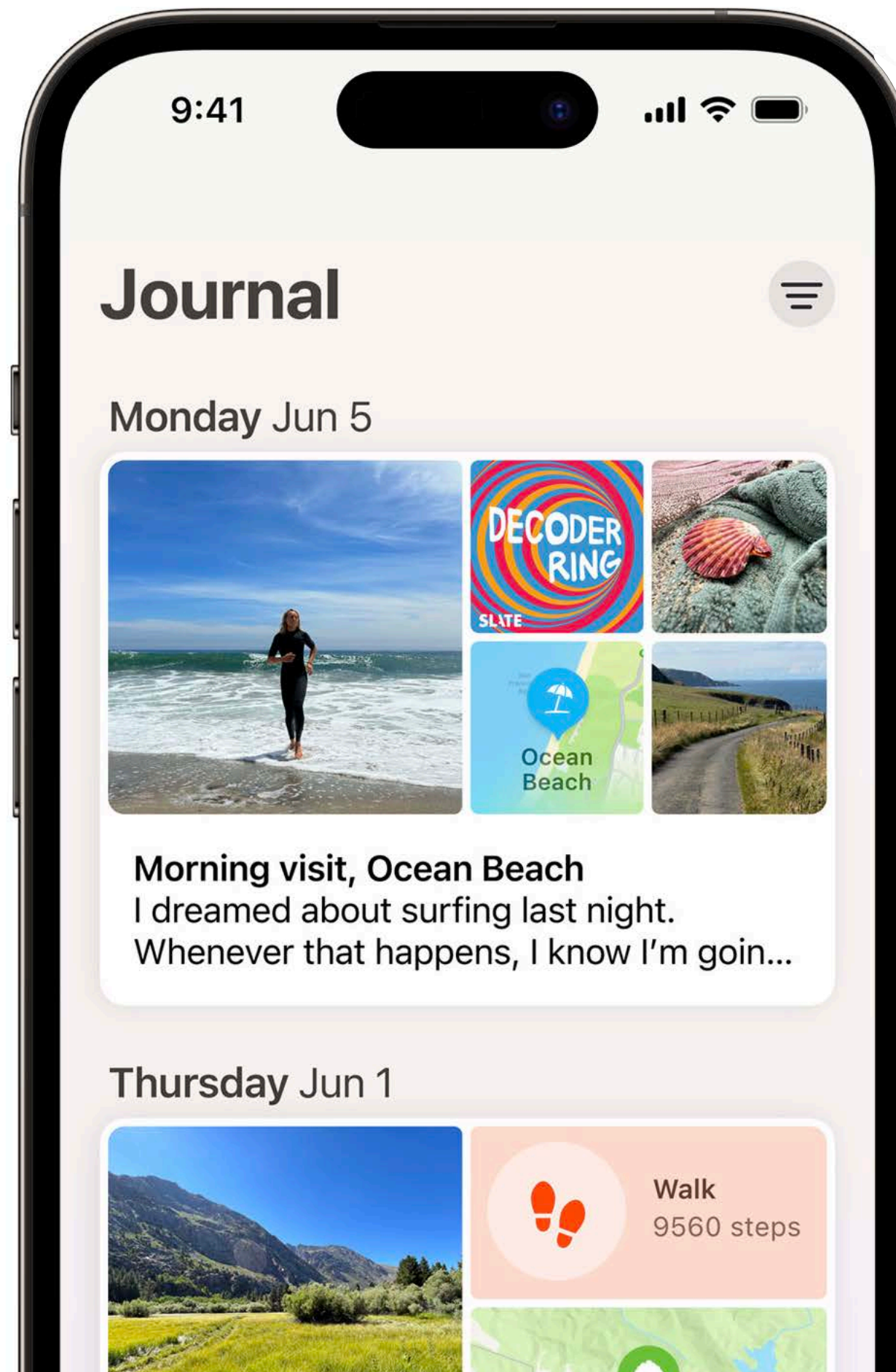


# iOS 17 Interactive widgets



Play music, turn off the lights, and more right from a widget

# iOS 17 Journal App



An all-new way to appreciate life's moments and preserve your memories



# iOS 17 StandBy



Turn your iPhone on its side while charging to make it even more useful when you set it down or sleep

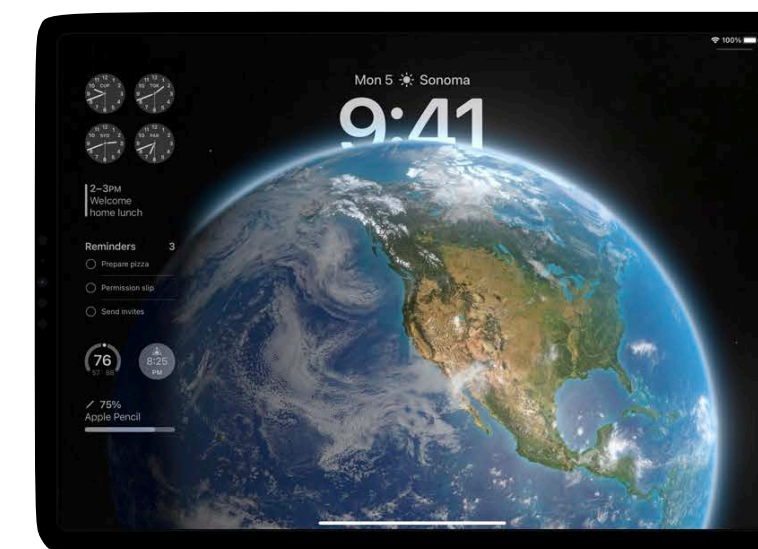
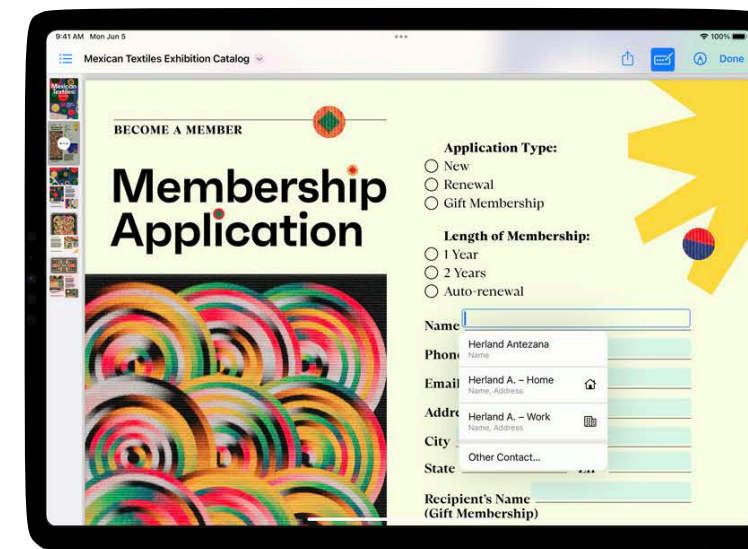
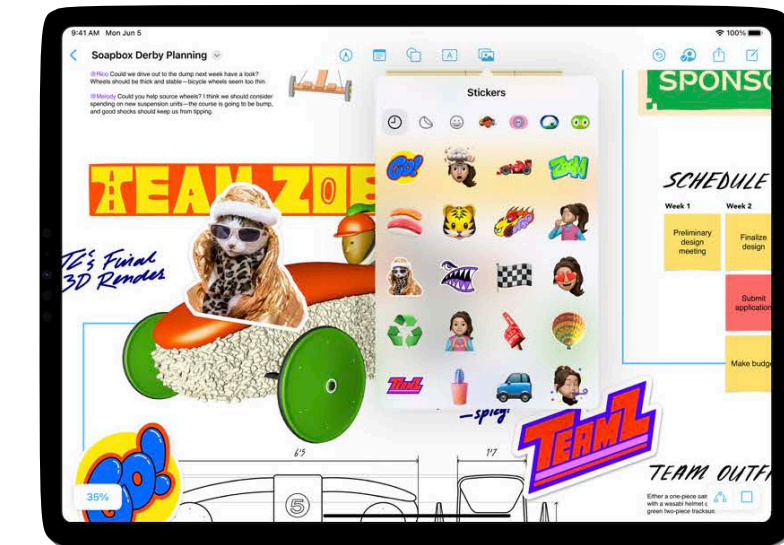
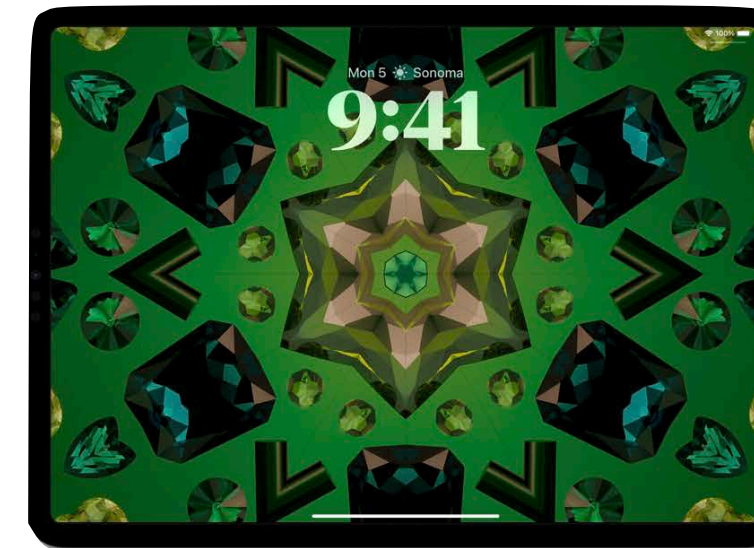
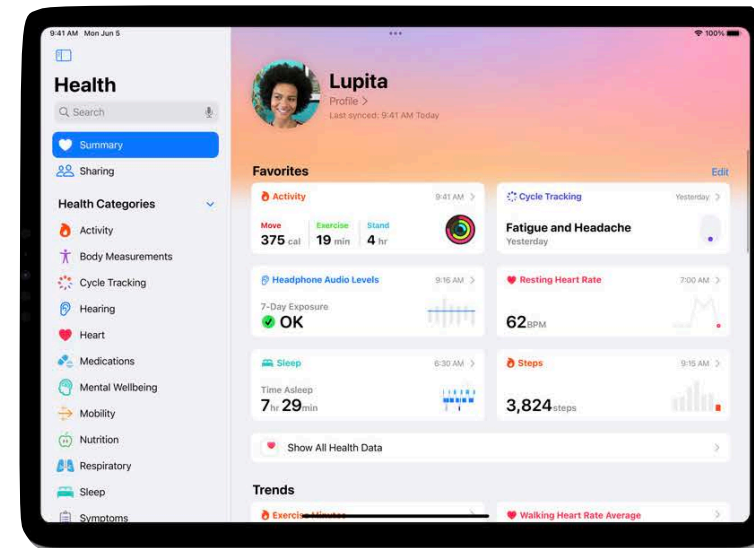
# iPhone iOS 17 Compatibility

iPhone 14	iPhone 12 Pro
iPhone 14 Plus	iPhone 12 Pro Max
iPhone 14 Pro	iPhone 11
iPhone 14 Pro Max	iPhone 11 Pro
iPhone 13	iPhone 11 Pro Max
iPhone 13 mini	iPhone Xs
iPhone 13 Pro	iPhone Xs Max
iPhone 13 Pro Max	iPhone XR
iPhone 12	iPhone SE (2nd generation or later)
iPhone 12 mini	



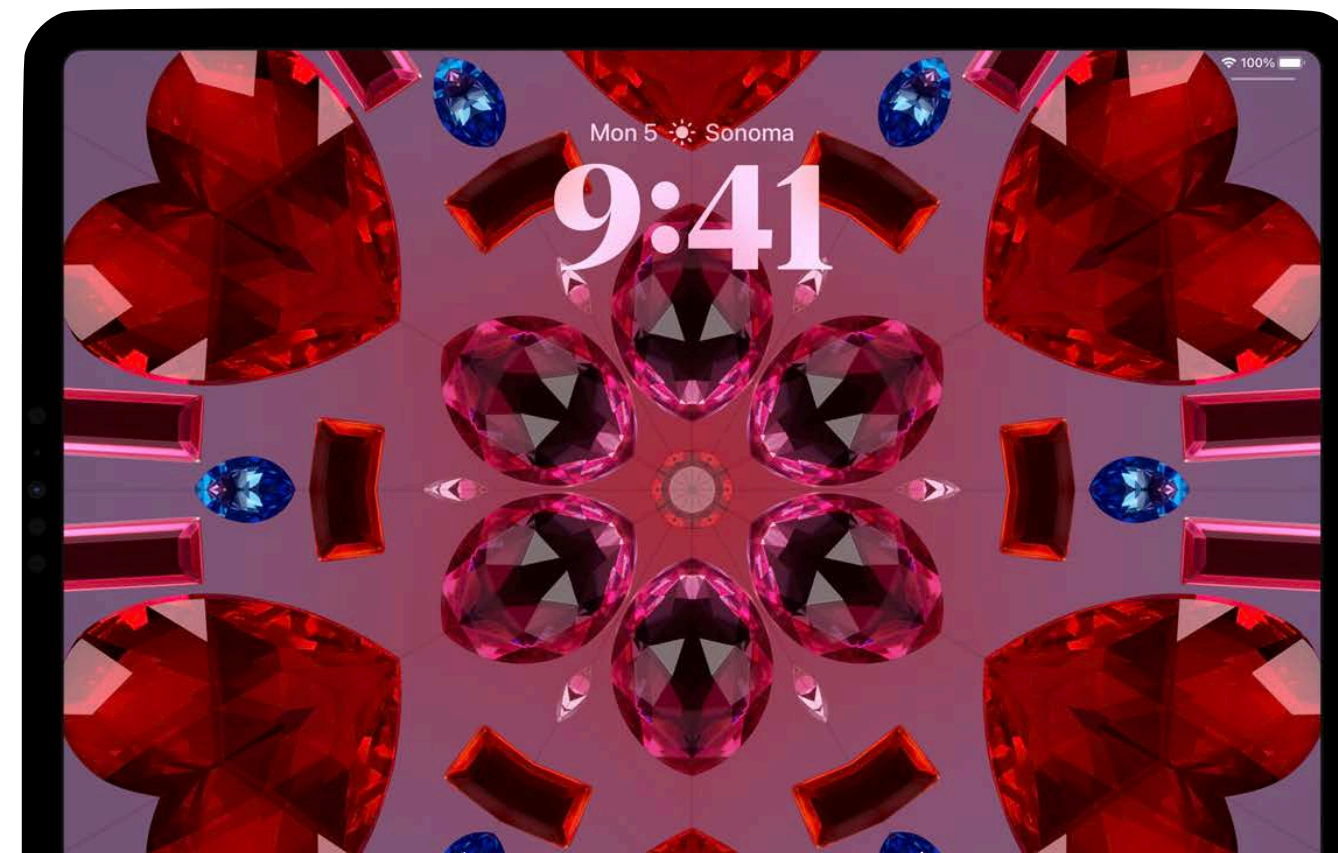
# iPadOS 17 Major New Features

- Personalized Lock Screen
- Interactive Widgets
- Live Stickers
- Missed FaceTime call messages
- PDFs and Notes
- New Health app





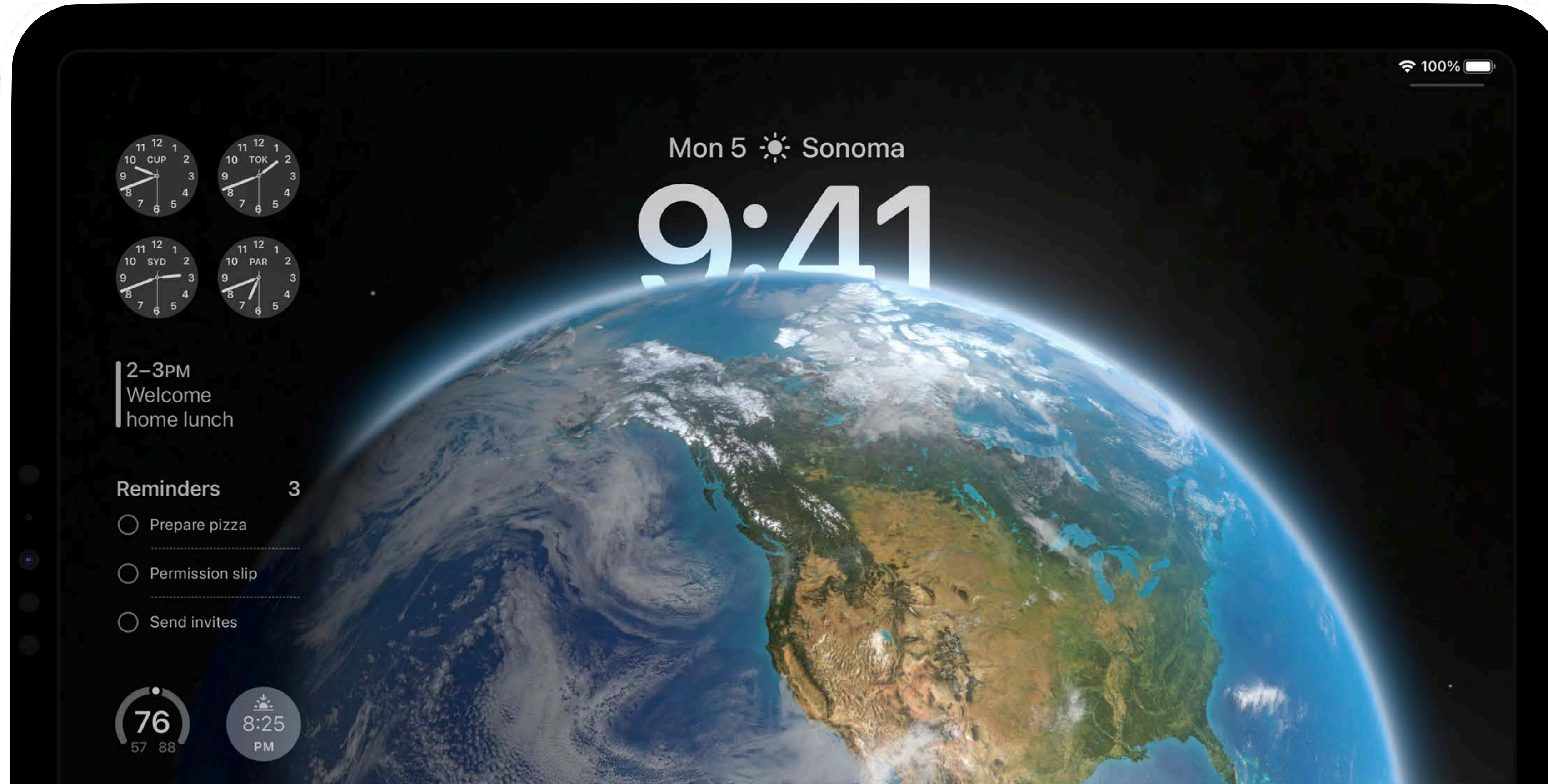
# iPadOS 17 Personalized Lock Screen



Personalize your Lock Screen with wallpapers like Astronomy or Kaleidoscope



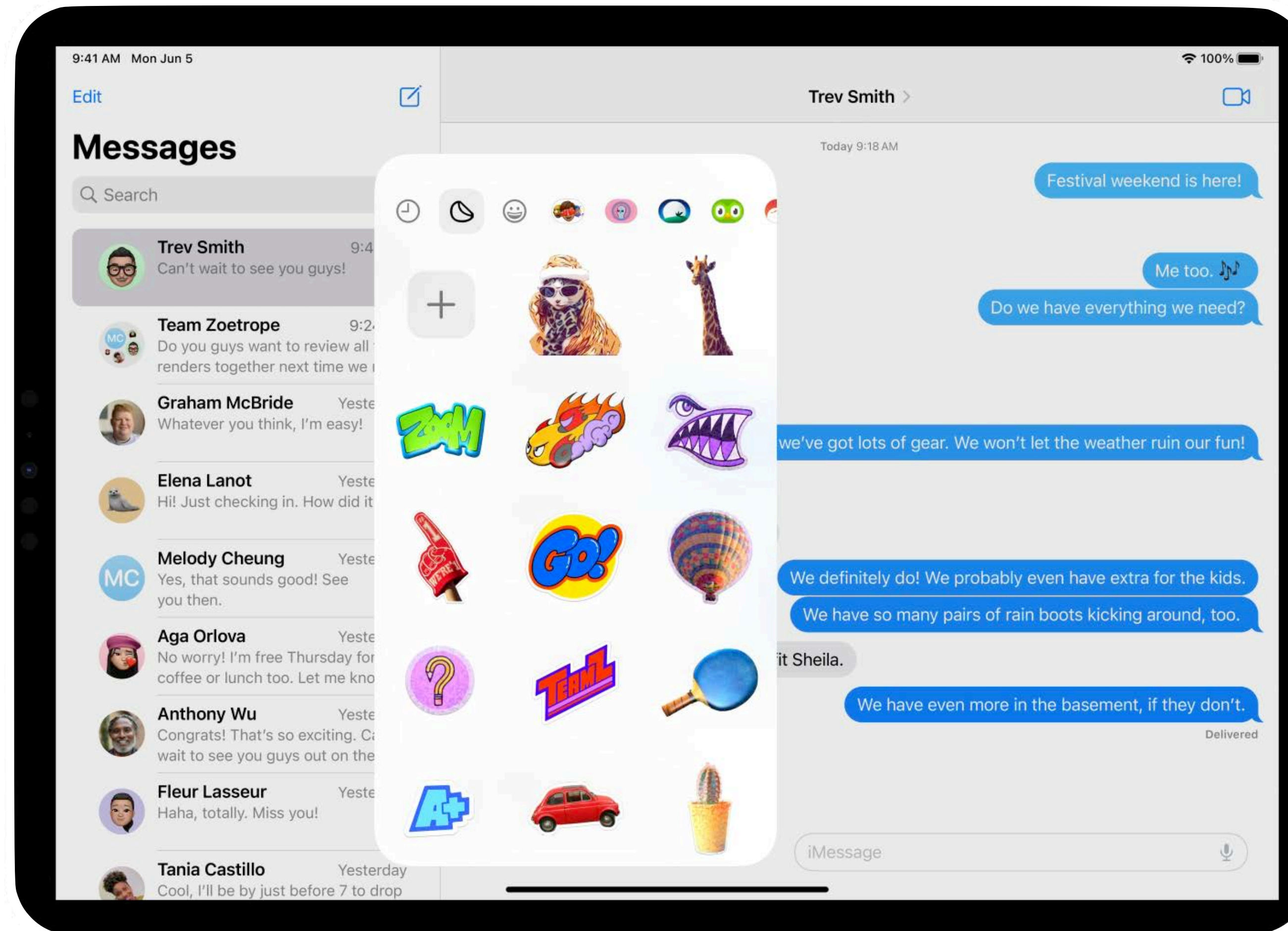
# iPadOS 17 Interactive Widgets



Add widgets to the Lock Screen to see information like the weather, time, date, battery levels, or upcoming events at a glance



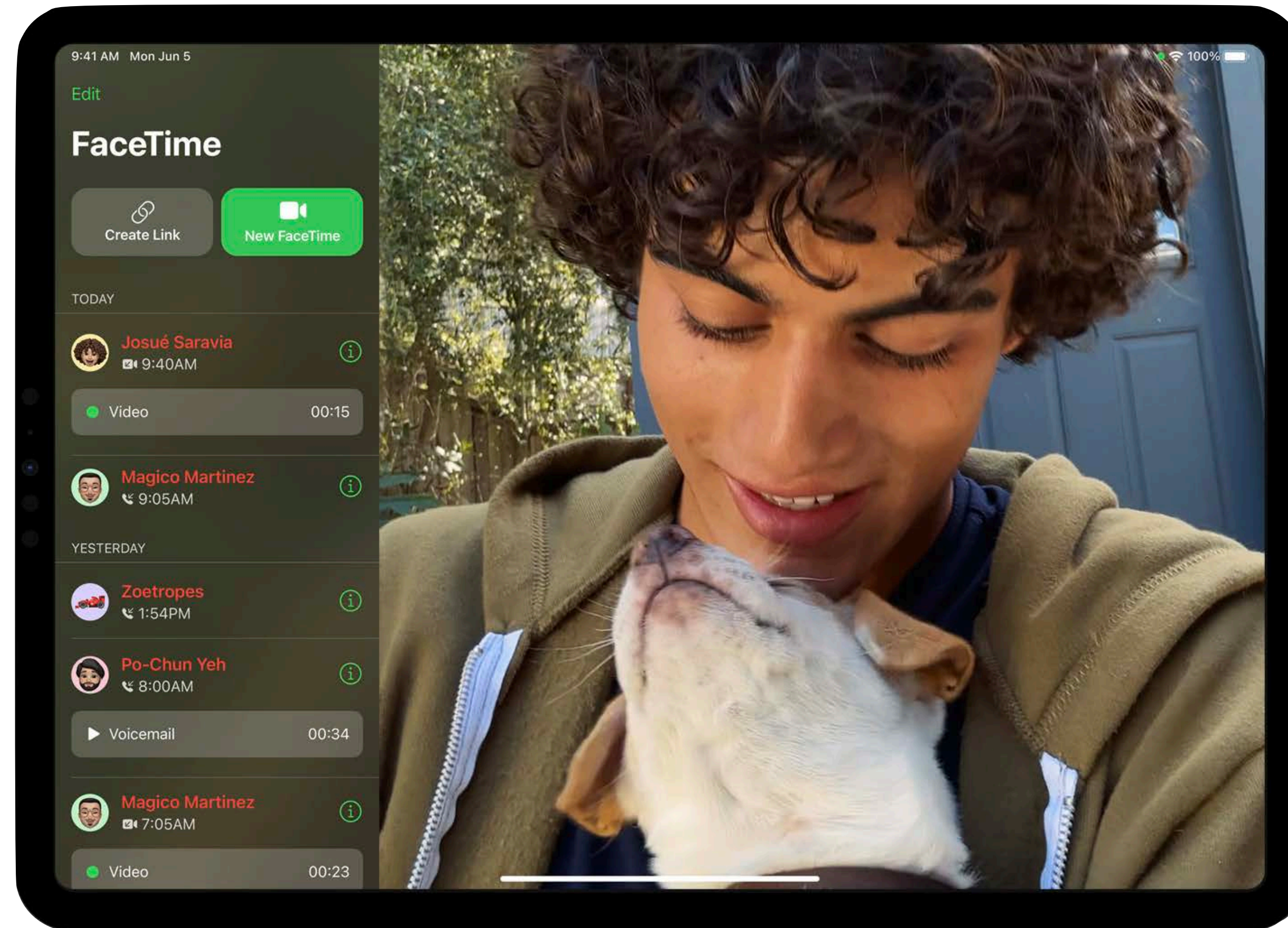
# iPadOS 17 Live Stickers



Use your own photos to create Live Stickers



# iPadOS 17 FaceTime Messages



Record a video or audio message when someone misses your FaceTime call



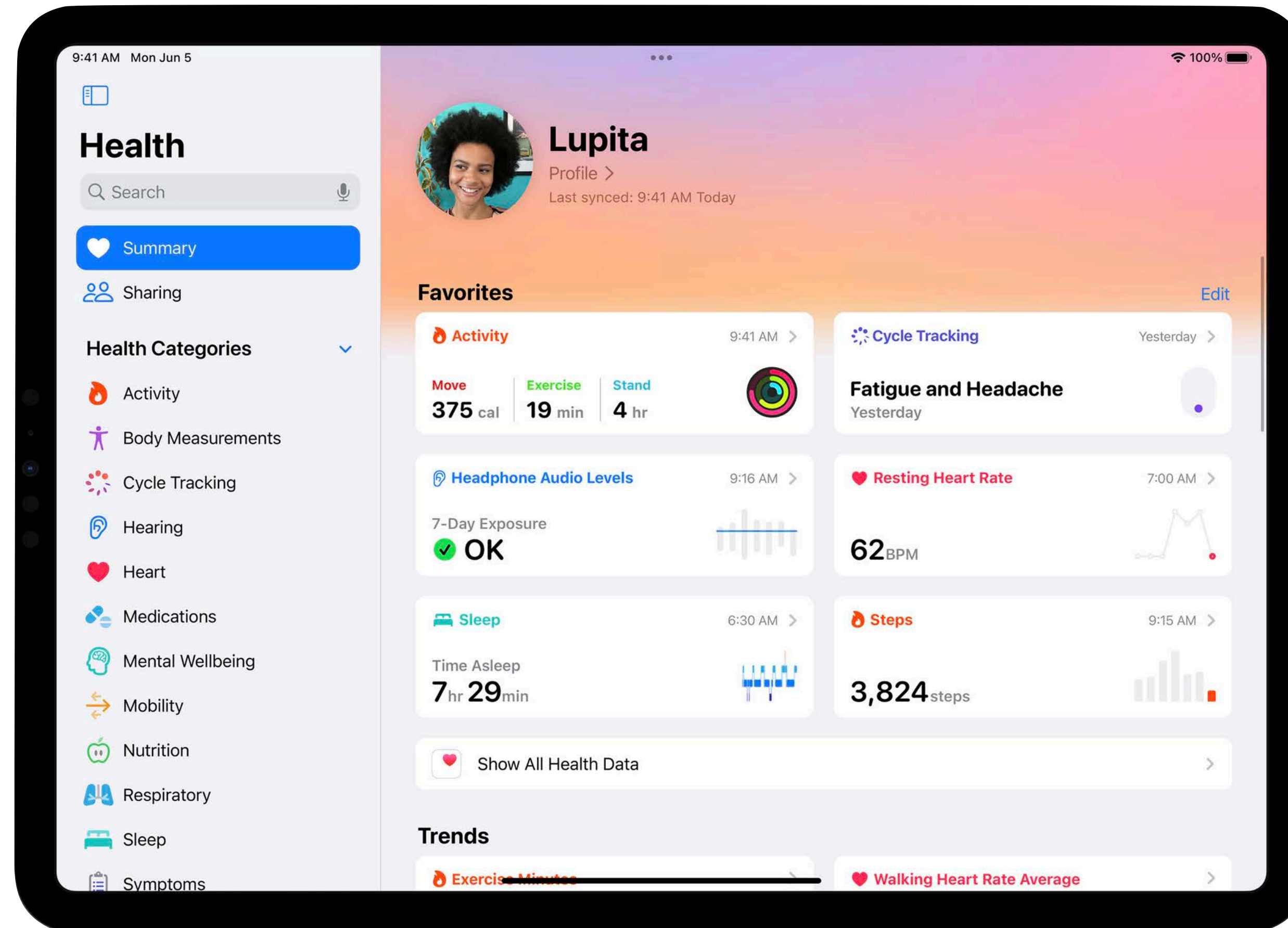
# iPadOS 17 PDFs and Notes App

The screenshot displays the iPadOS 17 interface for the 'Tortuga Cove Camp Application' PDF. The status bar at the top shows '9:41 AM Mon Jun 5'. The app title 'Tortuga Cove Camp Application' is at the top of the document. The form itself has a light beige background with decorative illustrations of coral, a sea turtle, and a flower. It is divided into sections for 'GUARDIAN' and 'CAMPER'. The 'GUARDIAN' section includes fields for 'GUARDIAN FULL NAME', 'ADDRESS', 'CITY', 'STATE', 'ZIP CODE', 'EMAIL', 'PHONE NUMBER', 'OCCUPATION', 'PLACE OF WORK', and 'PREFERRED CONTACT'. An auto-fill dropdown menu is open over the 'GUARDIAN FULL NAME' field, showing suggestions: 'Magico Martinez' (Name), 'Magico M. - Home' (Name, Age, Address), 'Magico M. - Work' (Name, Address), and 'Other Contact...'. The 'CAMPER' section is partially visible at the bottom.

Enhanced AutoFill allows you to securely use your saved information from Contacts to fill out a PDF or scanned document faster



# iPadOS 17 Health App



The Health app comes to iPad with a design optimized for the larger display

# iPadOS 17 Compatibility

iPad Pro 12.9-inch (2nd generation and later)

iPad Pro 10.5-inch

iPad Pro 11-inch (1st generation and later)

iPad Air (3rd generation and later)

iPad (6th generation and later)

iPad mini (5th generation and later)



# watchOS 10 Major New Features

- Widgets in Smart Stack
- New Watch Faces
- Cycling and Hiking Workouts
- Health app adds Mental & Vision Health





# watchOS 10 Widgets in Smart Stack



Get the information you need, right when you need it, from any watch face.  
Simply turn the Digital Crown to reveal widgets in the Smart Stack



# watchOS 10 New Watch Faces



Snoopy and Woodstock react to the weather and even get active with you



Palette displays time as a range of beautiful colors that shift throughout the day



# watchOS 10 Mental and Vision Health



Log your momentary emotion and daily mood



Shows time spent in daylight to help reduce Myopia



# watchOS 10 Cycling and Hiking



Cycling working on watch  
transferred to iPhone



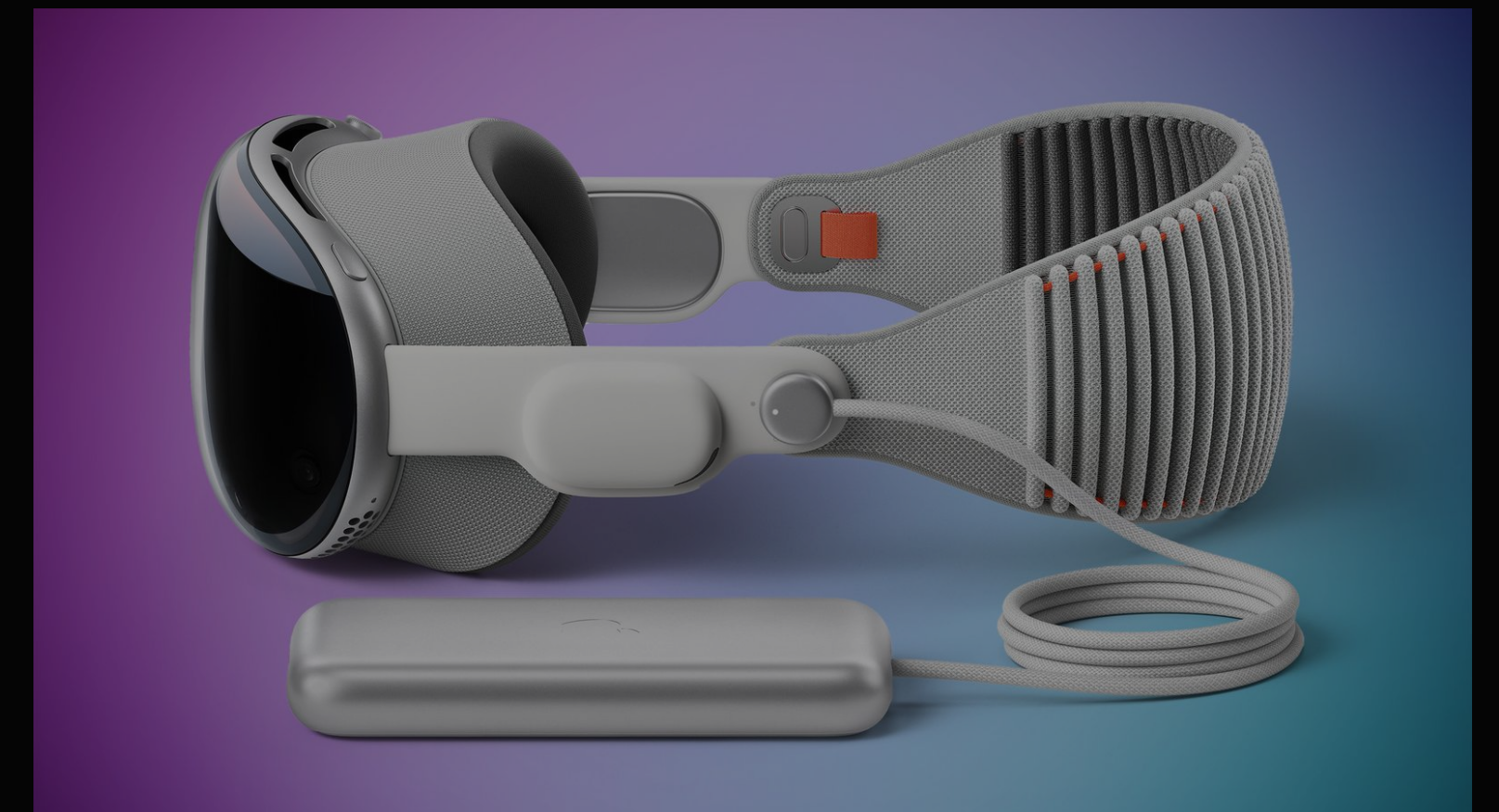
Nearby detailed trail  
information displayed

# watchOS 10 Compatibility

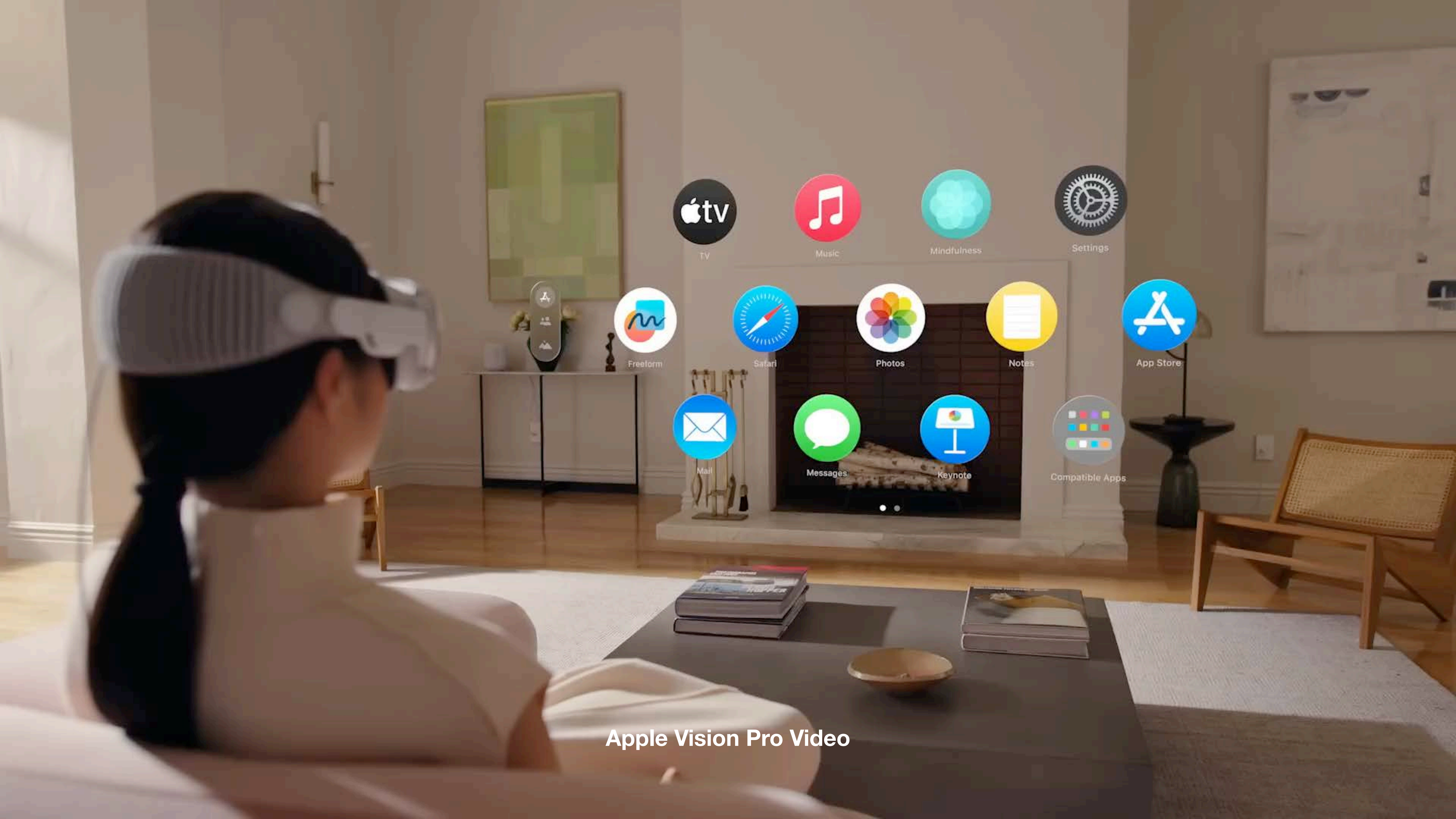
- Apple Watch Series 4
- Apple Watch Series 5
- Apple Watch SE
- Apple Watch Series 6
- Apple Watch Series 7
- Apple Watch Series 8
- Apple Watch Ultra
- But not all features are available on all devices



# One more thing...







Apple Vision Pro Video



# Apple Vision Pro

Available early next year in the U.S.





# Summary



- **Three New Mac Computers - Available Now**
- **New system software with new features coming to all Apple devices this fall - probably September or October**
  - **macOS 14 Sonoma**
  - **iOS 17, iPadOS 17, tvOS 17, and watchOS 10**
- **VisionPro and visionOS coming early next year**

