

# Sun City Computer Club

MUG MAC Users Group

December 27, 2023

**Questions, Comments, Suggestions welcomed at  
any time**

**Even Now**

- Audio recording of this session as MP4 file
- Audio recording available at link shown above

## Audio Recording In Progress

- Wake Words

**SIG attendees are required to be members of the chartered club sponsoring that SIG.  
Sun City Community Association By-law**

- Ever want to be a presenter??

- Participant???

Special Interest GROUP

- Apple Users Group

- Join now

- Next meeting January 9, 9:30am Retreat

- This presentation is long, feel free to leave zoom  
Catch up on presentation recording

**Presenter???**

• <https://macmost.com/>



Mac Video Tutorials and Tips for Apple Users

 Search

Videos By Topic

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### MacMost Video Archive By Category

MacMost includes more than 3,000 free video tutorials on how to use your Mac, iPad, iPhone and other Apple technology. Each category below shows the latest video on that subject. Click the **More Videos...** link below it to explore all of the videos in that category.

#### Accessibility



How To Have Your Mac Read Text To You

[27 More Videos...](#)

#### Apple Announcements



New M2, MacBook Air, macOS Ventura and More at WWDC 2022

[17 More Videos...](#)

#### Audio



How To Add Text-To-Speech Voiceovers To Videos

[30 More Videos...](#)

#### Automator



3 Ways To Generate Random Passwords On a Mac

[49 More Videos...](#)

#### Backing Up



Did You Buy the Wrong Time Machine Backup Drive?

[17 More Videos...](#)

#### Beginner's Guides



A Beginner's Guide to Mac Display Preferences

[37 More Videos...](#)

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#### MacMost Online Courses



- macOS Sonoma
- Mac Shortcuts
- Mac Pages
- Mac Numbers
- Mac Keynote
- Mac iMovie
- Mac Photos
- Final Cut Pro
- Automator

# Christmas New Apple MAC

- Security & bug fixes
- iPadOS 17.2.1
- Window manager
- Selected share window
- Apple stopped signing  
iOS 17.1.1  
iOS 17.1.2
- iPadOS 16.7.4  
Built-in app reinstall

## Apple Updates

### SCCCyber

Tuesday, December 19, 2023

Apple Updates 19-Dec-2023

iOS 17.2.1

iPadOS 17.2.1

macOS 14.2.1

iPadOS 16.7.4

Safari 17.2.1

Security and bug fixes

- Surveil smartphone users via push notifications
- Senator Ron Wyden letter to DOJ
- Repeal / modify policies hindering public discussions
- Then Apple
  - "In this case, the federal government prohibited us from sharing any information," the company said in a statement. "Now that this method has become public we are updating our transparency reporting to detail these kinds of requests."
  - Which governments and how long?
  - Encryption of notification message, BUT metadata
  - Apple now requiring warrant or court order
  - Section 702 expire end Dec?
    - Now pushed till April 2024
    - Annual FISA certification
  - Major pharmacies data to LE "on the spot"

## Push Notifications



**Look Familiar?**

- AirPods 4

Updated design shorter stems

Fit & sound quality improved

2 Versions with/without Active Noise cancellation

Updated case with speaker (FindMY)

USB-C charging port

- OLED iPad Pro

OLED deeper blacks, better contrast, HDR, power efficiency

13" and 11.1"

M3 chip

**Rumored Apple 2024 Products**

- Apple Watch X  
10<sup>th</sup> anniversary  
Slimmed body  
Magnetic band attachment  
Blood Pressure monitoring (trending)  
Sleep Apnea detection
- iPhone 16  
Action button, 2nanometer A-series chip  
Vertical camera lens  
Larger displays (6.3" 6.9")  
48 megapixel Ultra Wide lens  
Wi-Fi 7  
Faster 5G chip Qualcomm

**Rumored Apple 2024 Products**

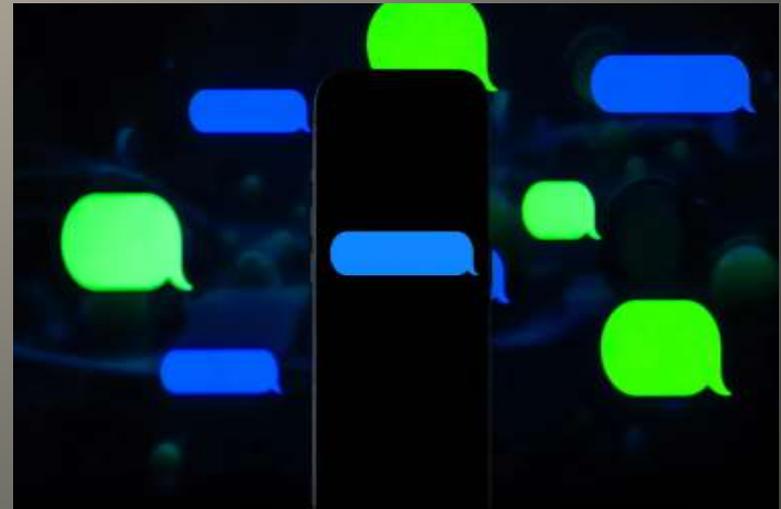
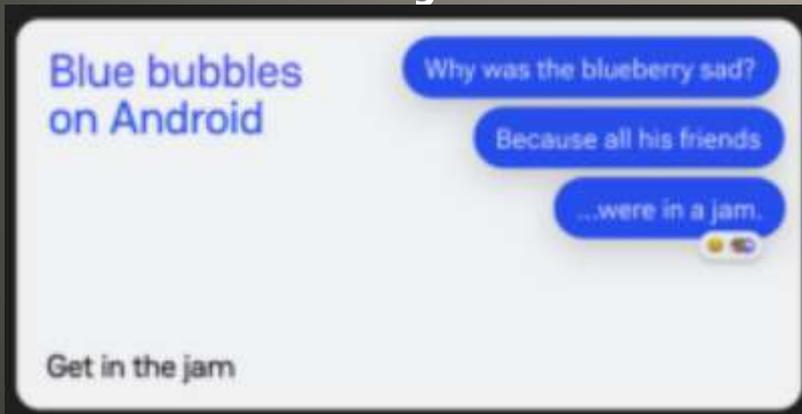
- Vision Pro
  - First Spatial computer
  - Swap AR & VR
  - Super high-resolution micro-LED
  - Hand & eye tracking for controls
  - Immersive apps, games, experiences
  - \$3500

First week in January 500,000 units

**Rumored Apple 2024 Products**

- Apple-commissioned Study MIT
- 2.6 billion personal records data breaches
- [Apple Study PDF](#)
- Apple Advanced Data Protection for iCloud
- End-to-End encryption
- Beeper
- Blue bubbles Green bubbles

- Android messaging app
- Blocked by Apple "security & privacy concerns"
- Apple & Beeper cyber fight
- Now requires Mac Machine access
- Or jailbroken iPhone
- Or rent a jailbroken iPhone



# Beeper Mini

- Faster numbers, symbols, caps  
Press & Hold 123, # +=, Up arrow  
Release
- Wrong number?  
Keep pressing
- Press & Hold Space Bar  
Turns keyboard into trackpad

**iDevice Keyboard**

- Stolen Device Protection setting
- Beta

**Apple iDevices**



# Apple Stolen Device Protection

- Opt-in
- 4 to 6 digits    Face ID Touch ID fallback
- Stolen iDevice unlocked
- Restrict certain settings when NOT in familiar location
- Thefts often reset settings in known locations  
Or can find and visit known locations
  
- Stolen Device Protection enabled
  - Turn off Stolen Device Protection
  - Change AppleID password
  - Recovery Code
  - Trusted Phone number
  - Face ID or Touch ID
  - Hour wait
  - Face ID or Touch ID

## **Apple Stolen Device Protection**

- Keychain access Biometrics only
- Apps can be accessed
- Apple Pay can be used
  
- Protect passcode
- Custom Alphanumeric code
- Custom iDevice lock
- MFA for apps

**Apple Stolen Device Protection**



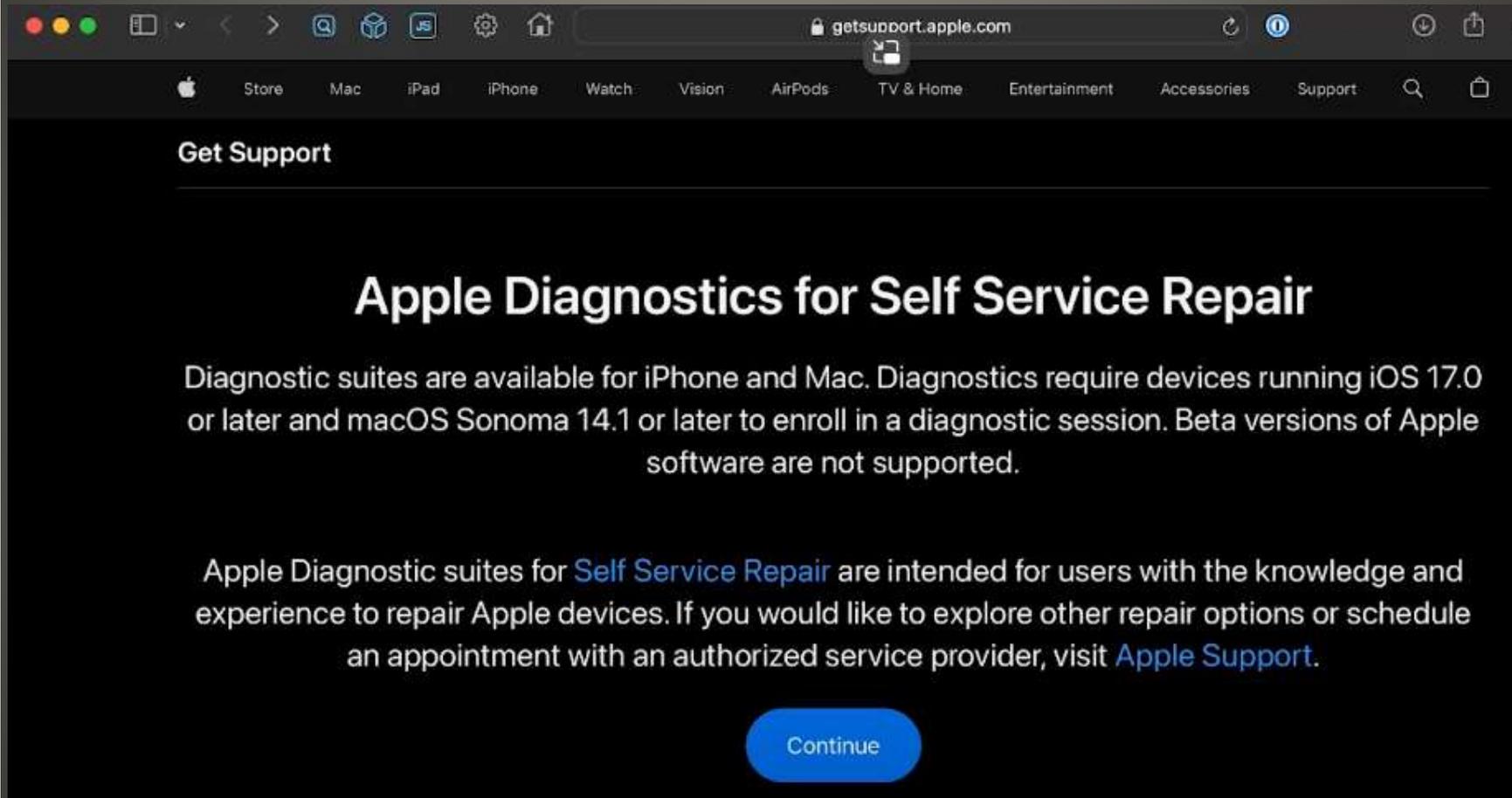
- <https://finance.yahoo.com/video/iphone-thief-explains-steals-passcode-103000950.html>

**Wall Street Journal**

- Apple planning to end partnership with Goldman Sachs
- 12 – 15 months

**Apple Card**

# • December 13



The screenshot shows a web browser window with the URL [getsupport.apple.com](https://getsupport.apple.com). The navigation bar includes links for Store, Mac, iPad, iPhone, Watch, Vision, AirPods, TV & Home, Entertainment, Accessories, and Support. The main content area features the heading "Get Support" and a large section titled "Apple Diagnostics for Self Service Repair". Below the heading, a paragraph explains that diagnostic suites are available for iPhone and Mac, requiring devices running iOS 17.0 or later and macOS Sonoma 14.1 or later. A second paragraph states that these suites are intended for users with repair knowledge and experience, and provides a link to "Apple Support" for scheduling appointments. A blue "Continue" button is positioned at the bottom of the page.

Get Support

## Apple Diagnostics for Self Service Repair

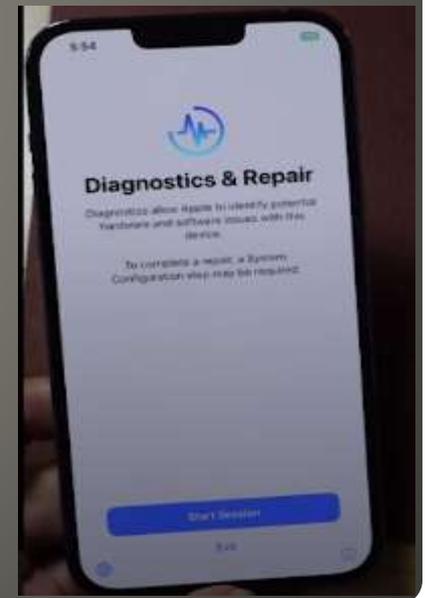
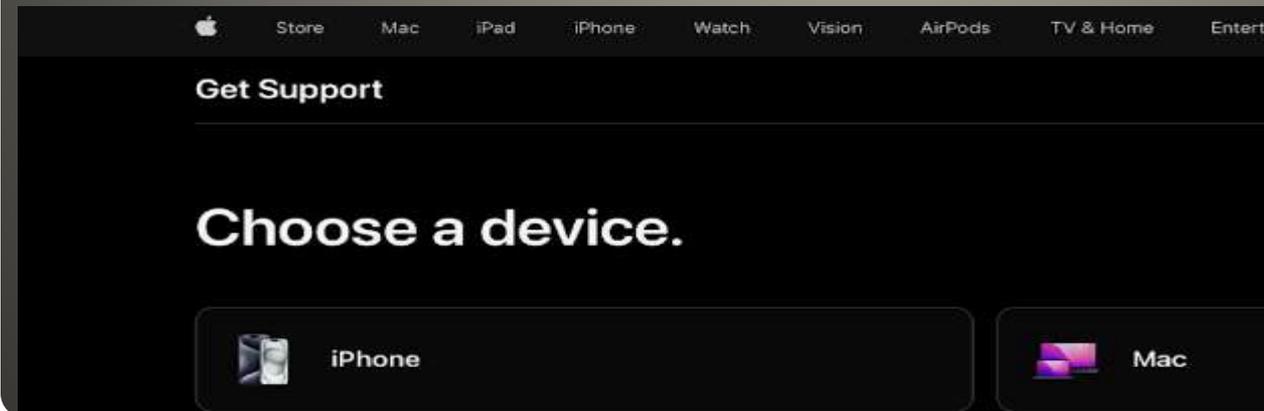
Diagnostic suites are available for iPhone and Mac. Diagnostics require devices running iOS 17.0 or later and macOS Sonoma 14.1 or later to enroll in a diagnostic session. Beta versions of Apple software are not supported.

Apple Diagnostic suites for [Self Service Repair](#) are intended for users with the knowledge and experience to repair Apple devices. If you would like to explore other repair options or schedule an appointment with an authorized service provider, visit [Apple Support](#).

Continue

# Apple Diagnostic Self-Service Repair

- iPhone
- Power Off - 30 second wait
- Press & Hold Both Volume buttons
- Plug in power 20W or higher
- At Apple Logo Release volume buttons
- Continue on Web page
- iPhone or Mac





Store

Mac

iPad

iPhone

Watch

Vision

AirPods

TV & Home

E

## Get Support



# iPhone

[Change >](#)

Start a session to check which diagnostic suites are available for your device.

## 1. Place device in diagnostics mode

[Learn how ↗](#)

## 2. Enter the serial number

- Connect Wi-Fi
- Diagnostics load
- Choose Diag Suite

Mobile Resource Inspector

Audio Output

Display Pixel Anomalies

Multi-Touch

Face ID

Camera Image Quality



The screenshot shows the Apple Support website interface for iPhone diagnostics. At the top, there is a navigation bar with links for Store, Mac, iPad, iPhone, Watch, Vision, AirPods, and TV & Home. Below this is a 'Get Support' section. A large image of an iPhone is displayed next to the word 'iPhone' in a large font. Underneath the image is a 'Change >' link. The main content area contains the text 'Start a session to check which diagnostic suites are available for your device.' followed by two numbered steps: '1. Place device in diagnostics mode' and '2. Enter the serial number'. Under step 1 is a 'Learn how ↗' link. Under step 2 is a text input field labeled 'Serial number' with a red background and a blue border. Below the input field is a link 'How to find the serial number in diagnostics mode ▾'. At the bottom of the page is a blue 'Start session' button with a mouse cursor hovering over it.

# Start Apple Diagnostics

[Determine whether you're using a Mac with Apple silicon](#), then follow the appropriate steps:

## Apple silicon

1. Press and hold the power button on your Mac. (Every Mac has a power button. On laptop computers that have Touch ID, press and hold Touch ID.)
2. As you continue to hold the power button, your Mac turns on and loads [startup options](#). When you see Options, release the power button.
3. Press and hold Command (⌘)-D on your keyboard.

You may be asked to choose a language and make sure that you have an active network connection. You can use the Wi-Fi Menu  in the upper-right corner of your screen to choose a Wi-Fi network.

## Intel processor

1. Turn on your Mac, then immediately press and hold the D key on your keyboard as your Mac starts up.
2. Release when you see a progress bar or you're asked to choose a language.

If using the D key doesn't work, press and hold Option (⌥)-D at startup instead. If neither method works, review the [guidelines for using key combinations](#) at startup.

## View the test results

Apple Diagnostics shows a progress bar while it's checking your Mac:

# Apple Diagnostic Self-Service Repair

- Series 9
- Ultra 2
- No longer available from U.S. online store
- Patent infringement
- Software fix?
- Ban pause 27-Dec-2023
  
- Life saving stories

**Apple Watch**

- Siri button on Apple TV remote



tvOS 17.2

Christopher 9:41 AM

Search

Home

Apple TV+

MLS Season Pass

Sports

Store

Library

Channels & Apps

Max

Prime Video

Starz

WITHERSPOON  
**THE NG  
SHOW**

Pick the curtain on  
des on Apple TV+.



For All Mankind  
Next Season · S4



Foundation  
Next · S2, E8



CODA  
Continue



Silo  
Next · S1, E5



Snc  
Con

zoom

Meetings

Contacts



Lock iPhone To Resume  
Phone... Resume Continuity |

New Meeting

Join Meeting

tvOS & Zoom

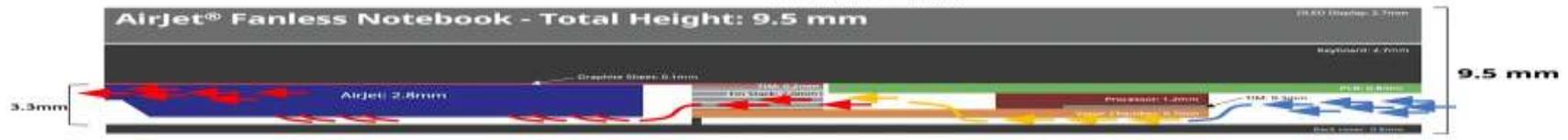
- M2 3.2GHz -> 2.8GHz

## Proposal for Fanless Notebook with AirJet®

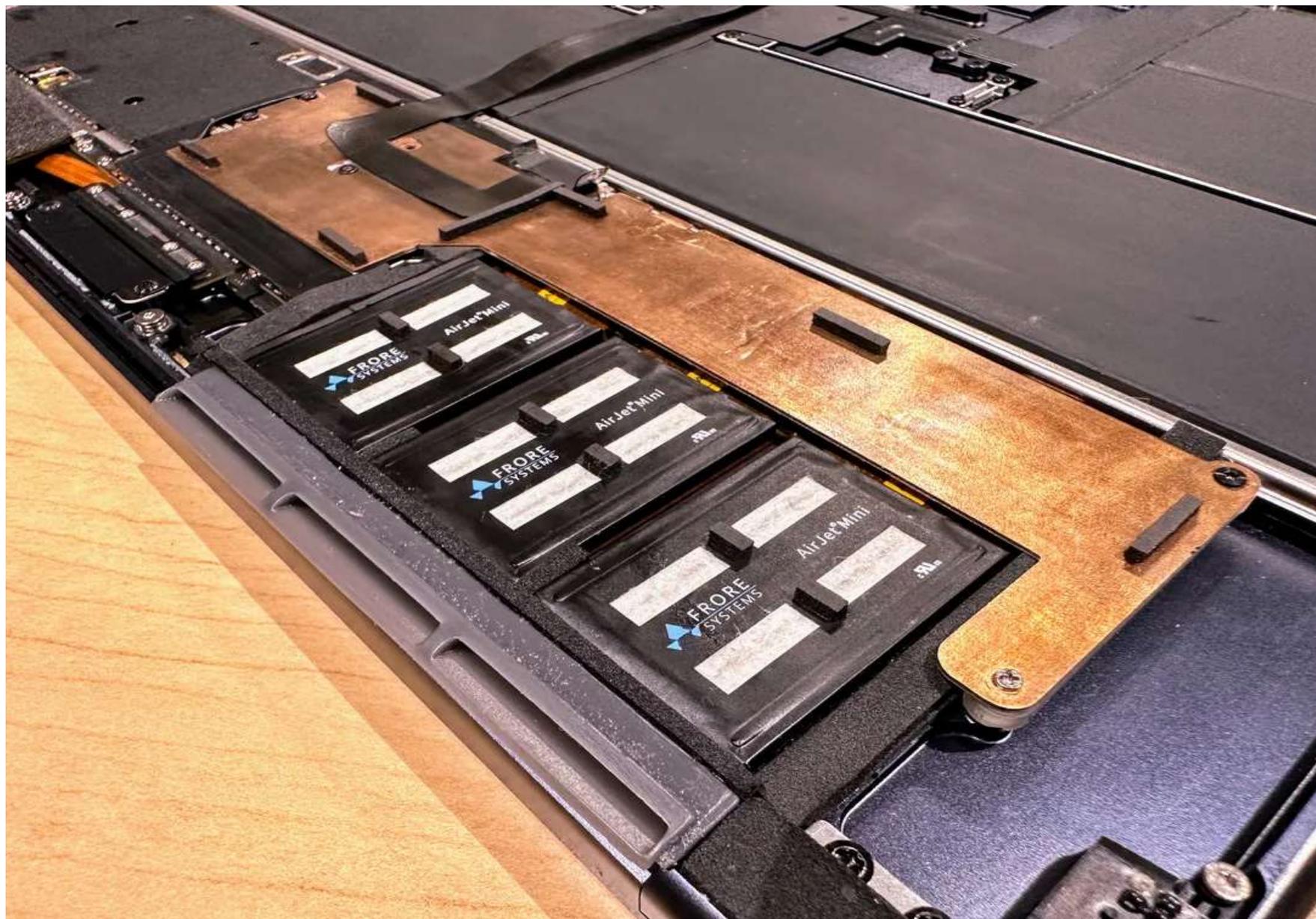


**Disrupting the Ultra Thin Notebook market:**

- Only 9.5 mm thick**
  - 2.7 mm OLED Display
  - 2.7 mm Keyboard
- 20W sustained CPU power**
  - 3x AirJet® Mini



# AirJet cooling





- Search for VPN on Apple App Store
- Download
- Sign in
- Allow
- Select location
- Connect



# VPN on Apple TV

- iOS 17.2
- Wireless charging standard
- 15W charging rate

**iPhone 13 iPhone 14 Qi2 support**

- Devices on same charging station

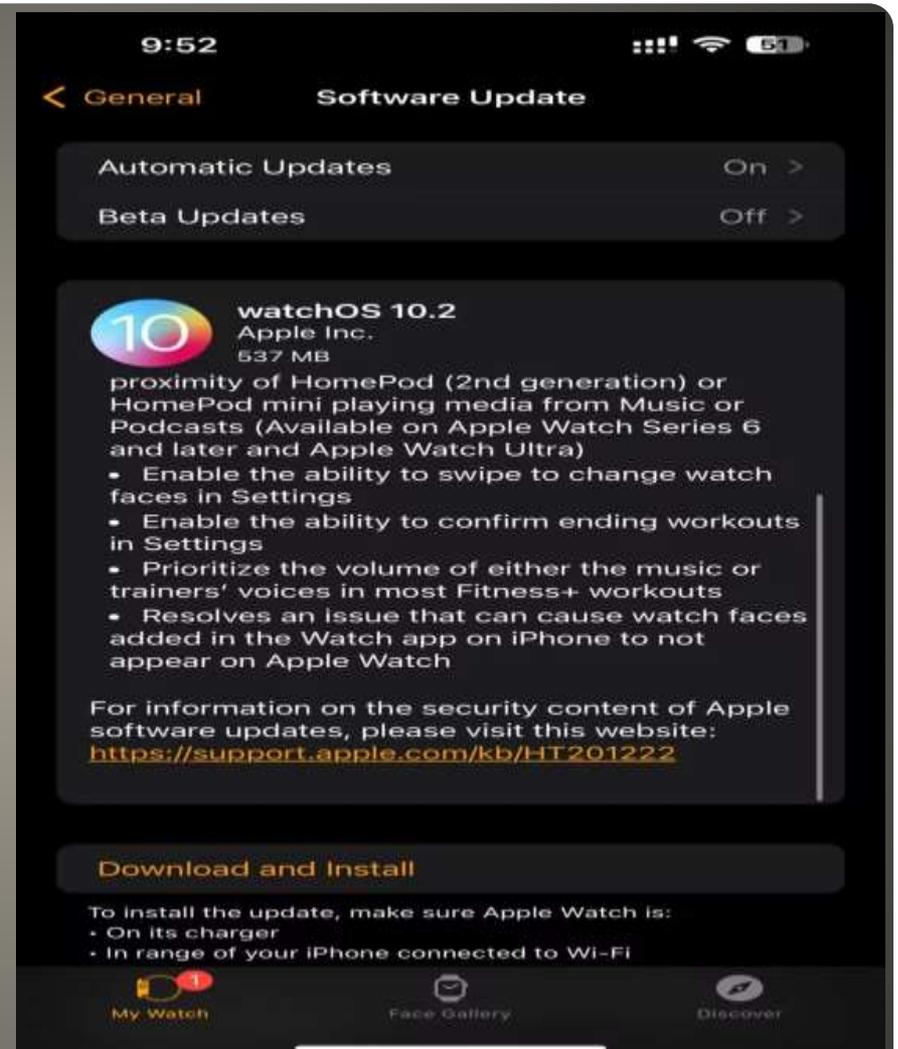
**AirDrop**

- Messages - The Messages app includes a catch-up arrow that lets you jump to the first unread message in a conversation, plus there is an option to add a sticker to a message from the tapback interface. That makes it quicker to add non-emoji reactions during chats on the Mac.
- PDF AutoFill - AutoFill recognizes key fields in PDFs and other documents so you can fill them out quick. It will recognize addresses, phone numbers, and similar data that can be filled from the Contacts app.
- Weather Widgets - There are several new Weather widgets that can be added to the Mac's desktop. Options include next-hour precipitation, daily forecast, sunrise and sunset, Air Quality, Feels Like, and wind speed.
- Multiple Timer Support - The Clock app on the Mac supports multiple timers that are able to run simultaneously. There are also timer presets for quickly setting a timer.
- Shazam Improvements - With a Shazam Music Recognition update, you can Shazam songs on Mac even when you're wearing your AirPods.

## macOS Sonoma 14.2 Features

- Health data via Siri
- Swipe to change watch face(s)

**watchOS 10.2**



**watchOS 10.2**

- *Modern iPhones* LiDAR sensor

iPhone 12 Pro & Pro Max

iPhone 13 Pro & Pro Max

iPhone 14 Pro & Pro Max

iPhone 15 Pro & Pro Max

- Point-and-Speak

- Magnifier App

zoom in-and-out, adjust brightness,  
adjust contrast, apply filters

recognize text and read aloud

Point-and-Speak

**Point iPhone at ANYTHING**

- Magnifier App
- Detect mode icon  
bottom right square with circle inside
- Point-and-speak icon  
bottom left corner hand pointing to 3 lines
- Hold iPhone about 12 inches from text
- Point camera Text highlighted in yellow
- If not, gear icon, Speech toggled on point-and-speak

## Point-and-Speak

- Magnifier App
- Detect mode icon  
bottom right square with circle inside
- Live Image Description  
looks like chat bubble
- Position rear camera to view item/subject
- Tap icon (should turn yellow)
- [YouTube video from Apple](#)

## **Magnifier App Live Image Description**

- Large Language Models on limited memory devices
- "LLM in a flash: Efficient Large Language Model Inference with Limited Memory"
- **Windowing:** Think of this as a recycling method. Instead of loading new data every time, the AI model reuses some of the data it already processed. This reduces the need for constant memory fetching, making the process faster and smoother.
- **Row-Column Bundling:** This technique is like reading a book in larger chunks instead of one word at a time. By grouping data more efficiently, it can be read faster from the flash memory, speeding up the AI's ability to understand and generate language.

**Apple run LLM on H/W**

- Apple GPT **Ajax**
- AI deeper into Apple ecosystem

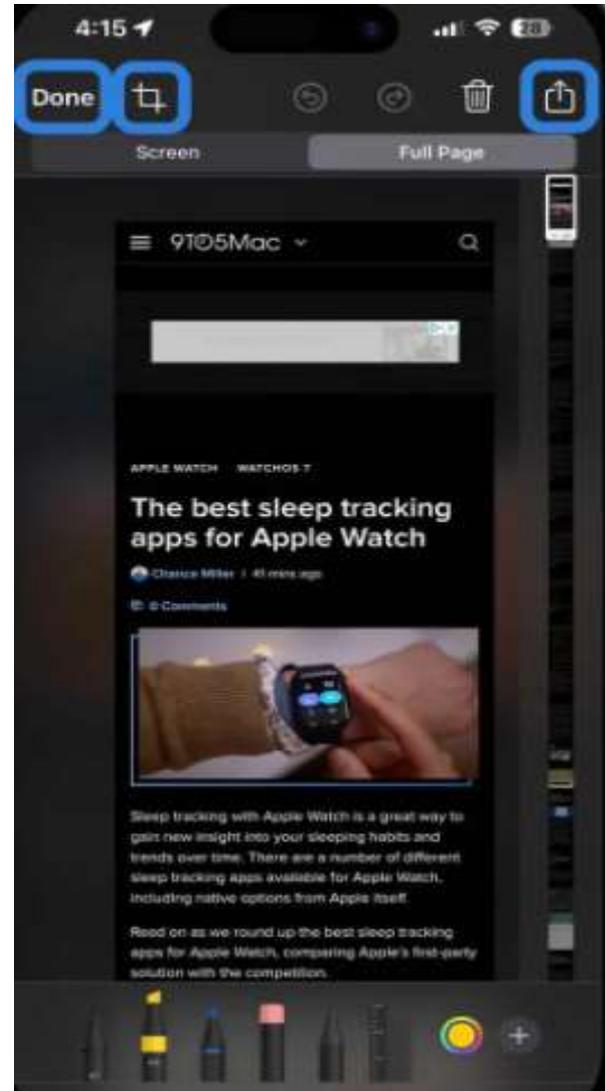
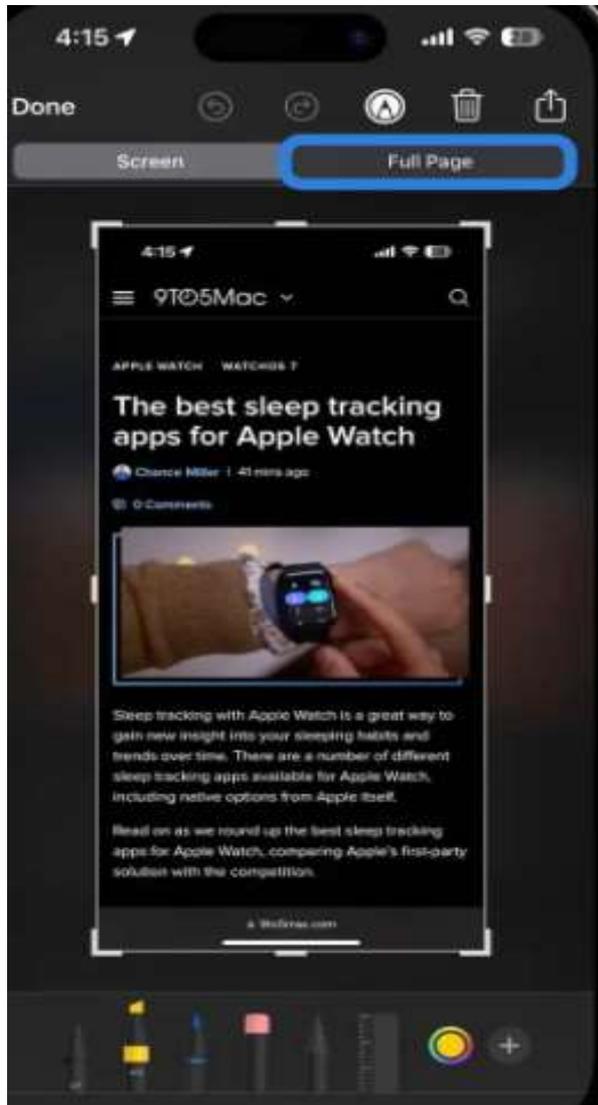
**Apple run LLM on H/W not Cloud**

- EU
- USB-C cable standard
- Lightning cable makers pay Apple fee
  
- Digital Markets Act
- Comply
- Business can add their stores to iOS devices they manage
  
- Japan preparing regulation  
Apple & Google

**Sideload to iOS 2024**

- Webpages, PDFs, emails, etc.
- Full page
- Screenshot (volume UP & top button)
- Preview > Full Page

**Scrolling screenshot technique**



- Thumbnail preview

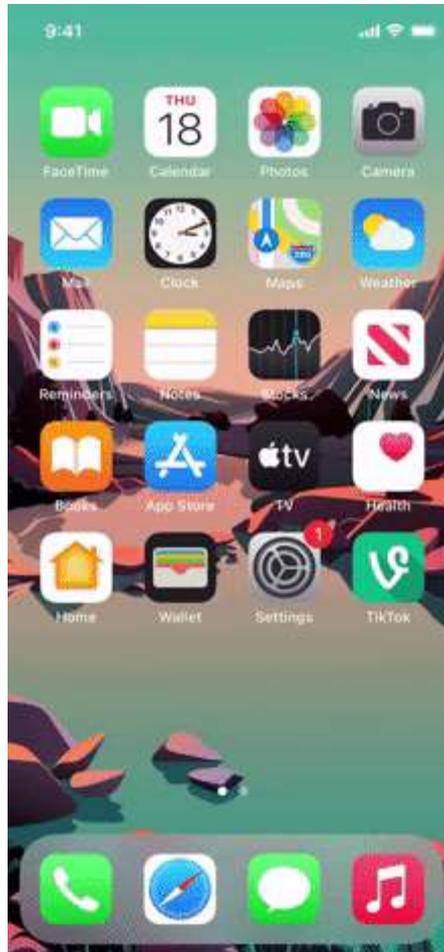
Check it worked, edit, share, ...

Wait or swipe it off

Use shortcut – no screenshot preview

Back Tap

**Screenshot Preview**



- Focus
- Green Dot
- One or Two
- Create new desktop space
- Windows NOT closed
- Access new desktop space:  
swipe across trackpad with 3 fingers  
-or-  
Click "Mission Control"

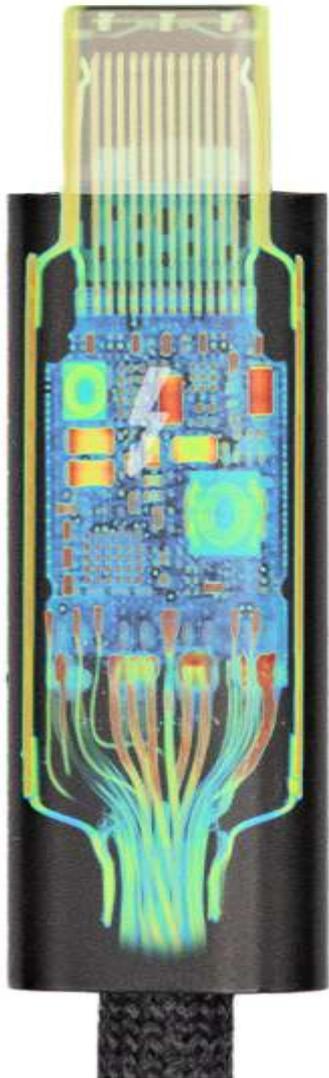


Can do multiple times

## Multitask Aid

- Apple Watch patent dispute  
Models: series 9 & Ultra 2  
no out-of-warranty repairs
- Next generation CarPlay  
Aston Martin & Porsche
- WARNING: USB-C cable  
Not all USB-C cables created the same  
Generic USB-C cable Universal chargers

**Apple News**



- Watch Series 7
- Watch Series 8
- Watch Series 9
- Watch Ultra
- Watch Ultra 2
- Apple USB-C Magnetic Fast Charging Cable (Aluminum) A2515
- No charging brick included
- Apple 18W, 20W, 29W, 30W, 61W, 87W, or 96W USB-C Power Adapter
- A comparable third-party USB-C power adapter that supports USB Power Delivery (USB-PD) of 5W or greater
- Apple MagSafe Duo – not fast charge capable
- Apple Watch Magnetic Charging Dock – not fast charge capable
  
- Belkin Apple Watch Fast Charger Dock
- Belkin 3-in-1 wireless charger Fast Charging Stand
- Belkin MagSafe 3-in-1 Wireless Charging Stand

## Fast Charge Apple Watch



9T



A wide, horizontal white bar spans the bottom third of the page. It is completely blank and serves as a clear visual separator between the black area above and the bottom edge of the page.



- None of us are as experienced as all of us
- Awareness, Preparedness, Understanding
- Participate
- Topic Suggestions
- Questions: [scccMUG@gmail.com](mailto:scccMUG@gmail.com)



- Helpful < - > Harmful
- Awareness, Preparedness, Understanding

Computer Club, Help Center, SIGs,  
Presentations, classes

Cyber Security SIG meetings, NEWSBLOG  
Internet

- Questions, suggestions, comments?

**SCCCMUG@gmail.com**