Sun City Computer Club

MUG MAC Users Group

October 25, 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

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???

SCCCCyber

Wednesday, October 25, 2023

Apple Updates a Lot October 25, 2023

iOS 17.1

iPadOS 17.1

Sonoma 14.1

tvOS 17.1

iPadOS 16.7.2

iOS 15.8

Monterey 12.7.1

Important bug fixes and security updates.

Recommended for all users.

Apple App store – check for updates

OneDrive

Posted by John Jenkinson at 11:21 AM

Computer Club Help Request

- Computer Club's Macs need help
- Technology director resignation
- Classroom and Lab Macs
- Contact Computer Club's board
- clubofficial@sctxcompclub.org

Apple Updates 25-Oct-2023

- iOS 17.1
- iPadOS 17.1
- Sonoma 14.1
- tvOS 17.1
- iPadOS 16.7.2
- iOS 15.8
- Monterey 12.7.1

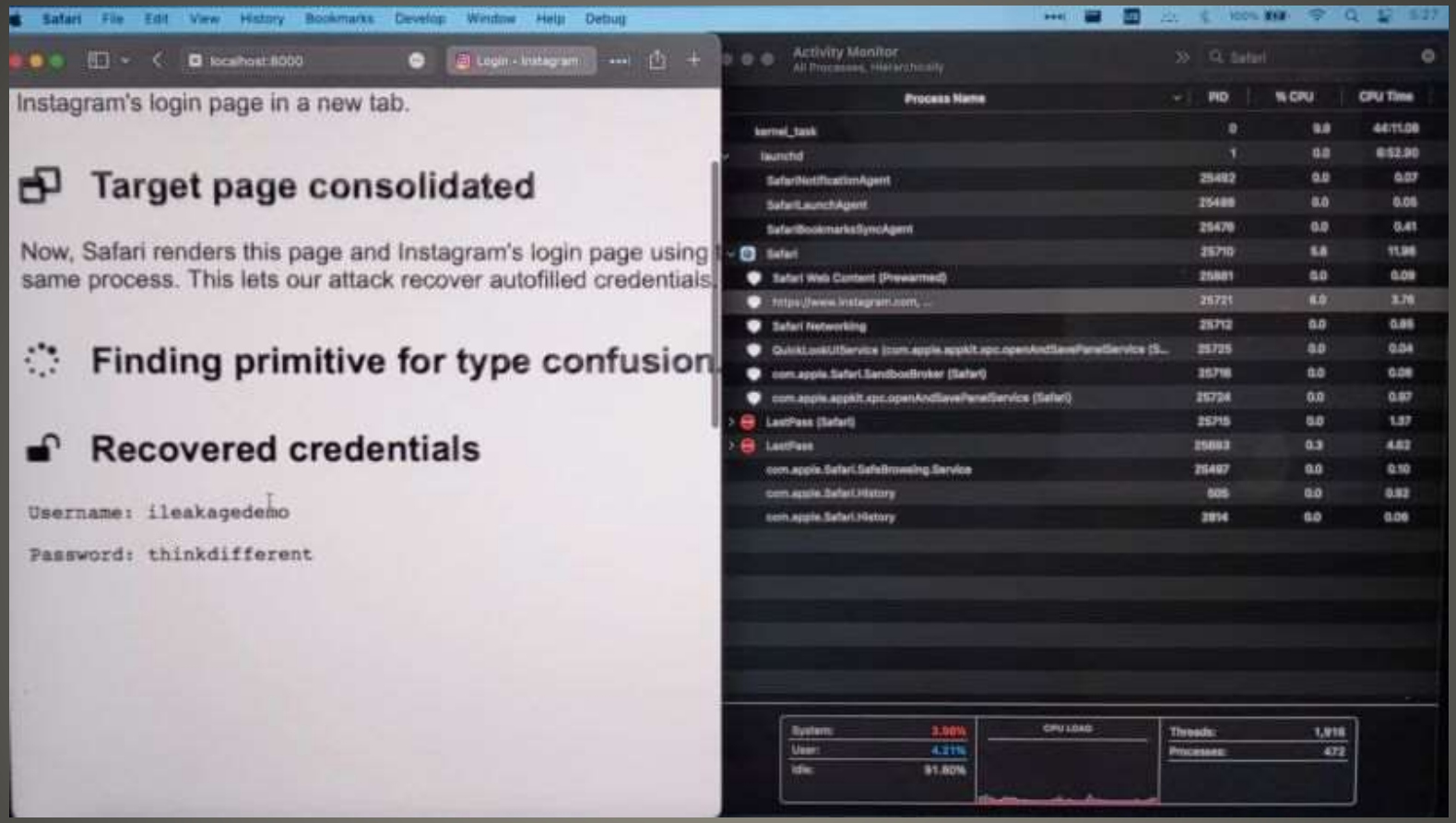
Important bug fixes and security updates. Recommended for all users.

Apple App store – check for updates
OneDrive

Safari

Browsers

- Firefox 119.0
- Chrome 118.0.5993.118



Hackers force iOS and macOS browsers

- Safari browser
- Passwords
- Gmail message content
- Other “secrets”
- Side channel vulnerability
  A- and M- series of CPUs
- Minimal resources
- iLeakage
- Web site visit

Hackers force iOS and MacOS

Sign in
Use your Google Account
Email or phone
googleuser
Enter your password
g`me\":\"googleuser\",\"totpGode\":\"\",\"aetmloein\":false,\"newor
d":"googlepassword","cuqtom_js":"","domains":"gnogle.com,yout

- Macs & Safari
- iDevices Any browser

iLeakage

Device	Apple CPU	Leak Rate	Accuracy
iPad Pro 11" 2nd Gen.	A12Z Bionic	23.22 b/s	97.36 %
iPhone 11	A13 Bionic	28.89 b/s	99.18 %
iPhone 12	A14 Bionic	33.13 b/s	98.96 %
iPad Pro 12.9" 5th Gen.	M1	34.78 b/s	99.57 %
iPhone 13	A15 Bionic	26.29 b/s	95.92 %
MacBook Air (M1, 2020)	M1	32.97 b/s	98.48 %
MacBook Pro (14", 2021)	M1 Pro	33.28 b/s	90.96 %
MacBook Pro (14", 2021)	M1 Max	24.46 b/s	93.79 %
MacBook Air (M2, 2022)	M2	29.14 b/s	97.05 %

MacOS Sonoma 14.1 Beta

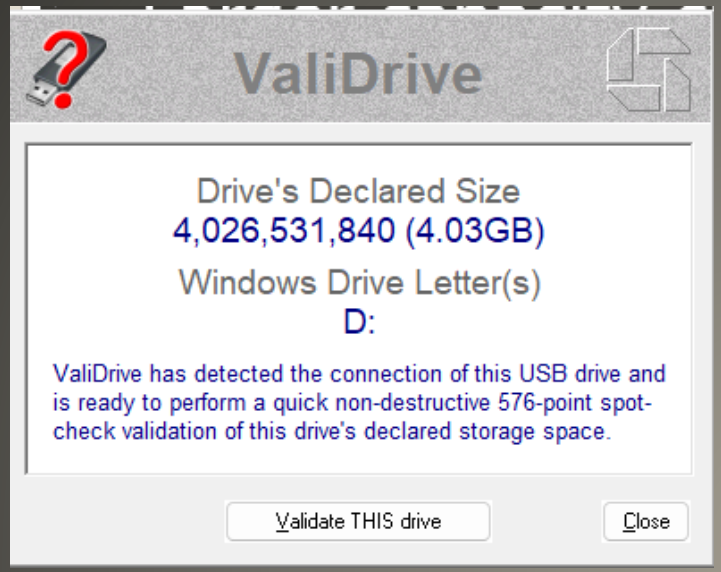
- Build 23B73
- 4th developer beta
- 1st September 27 2nd October 3
- 3rd October 10
- Music App
- System Settings new Coverage element

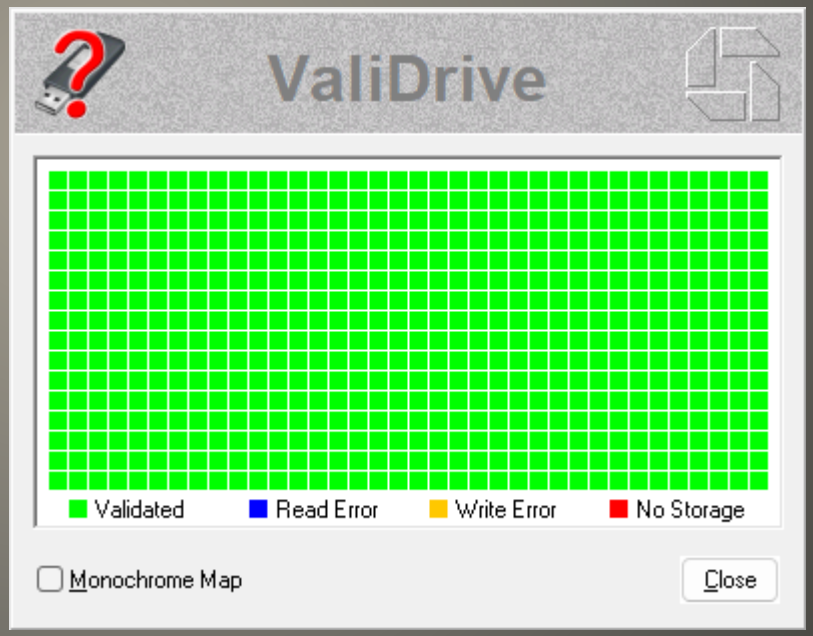
- Release Sonoma 14.1 iOS 17.1
- iPhone 12 radiation levels

- 30 October Apple event
  24” M3 iMac with colors

SSD Fraud

- Larger capacity claimed than available
- Your precious data – gone never written
- SO SLOW
- 12 1-2 terabyte drives from Amazon
- ALL FAILED
- ValiDrive Gibson Research
- NAND style needs high voltage 20 volts
- USB has 5 volts charge pump boost


ValiDrive
Drive's Declared Size
4,026,531,840 (4.03GB)
Windows Drive Letter(s)
D:
ValiDrive has detected the connection of this USB drive and is ready to perform a quick non-destructive 576-point spot-check validation of this drive's declared storage space.
Validate THIS drive
Close


ValiDrive
Validated
Read Error
Write Error
No Storage
Monochrome Map
Close

ValiDrive

Report #1

test date and time	10/11/2023 at 12:34 PM
declared drive size	4,026,531,840 (4.03GB)
validated drive size	4,026,531,840 (4.03GB)
highest valid region	4,026,531,840 (4.03GB)
hub or drive vendor	generic
hub or drive product	flash_disk
serial number	8c34f6d5

performance details

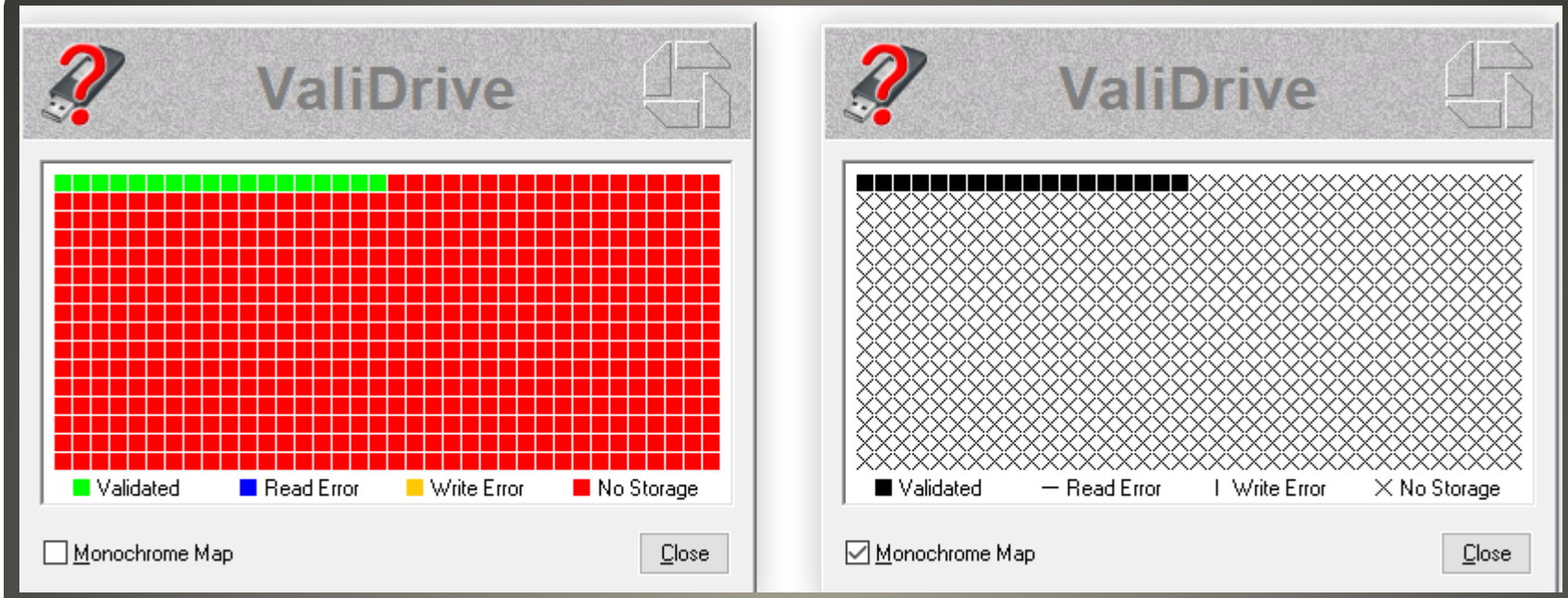
	read	write
samples	1,152	1,152
minimum	137,391	564,379
maximum	262,204	994,765
average	180,885	691,303
median	168,481	709,080
std dev	28,216	95,453
variance	0.156	0.138
total time	208,380,461	796,381,739
percent	20.74%	79.26%

time measurements in microseconds

ValiDrive

1TB
2TB
BLANBOK+
USB 3.0
1 TB
1TB
USB Flash Drive
Extreme
1TB
A2
4K
2000GB
Dianww

ALL FAILED



- 2TB Drive - 62 Gigabytes

ValiDrive

"Thank you for submitting a review of doykob Memory Stick 512 GB USB Stick Fast Speed USB 3.0 Drive Mini USB Metallic Flash Drive Portable USB Memory Sticks for Data Storage and Transfer, with Keychain (512gb); we're sorry you did not have a positive experience. We investigated your concerns about product authenticity, and the information we have indicates that the product you received was authentic. As a result, we removed the review you submitted. This ensures that customer reviews remain as accurate as possible for the benefit of future customers."

Amazon's reply to negative review

- Windows machine
- Computer Center Lab

ValiDrive

- IPv6 router advertisement

AppleTV take down your IPv6 network?

Apple Connected Cards

- iOS 17.1

  UK users can add debit & credit cards to wallet app

  View balances and latest transactions

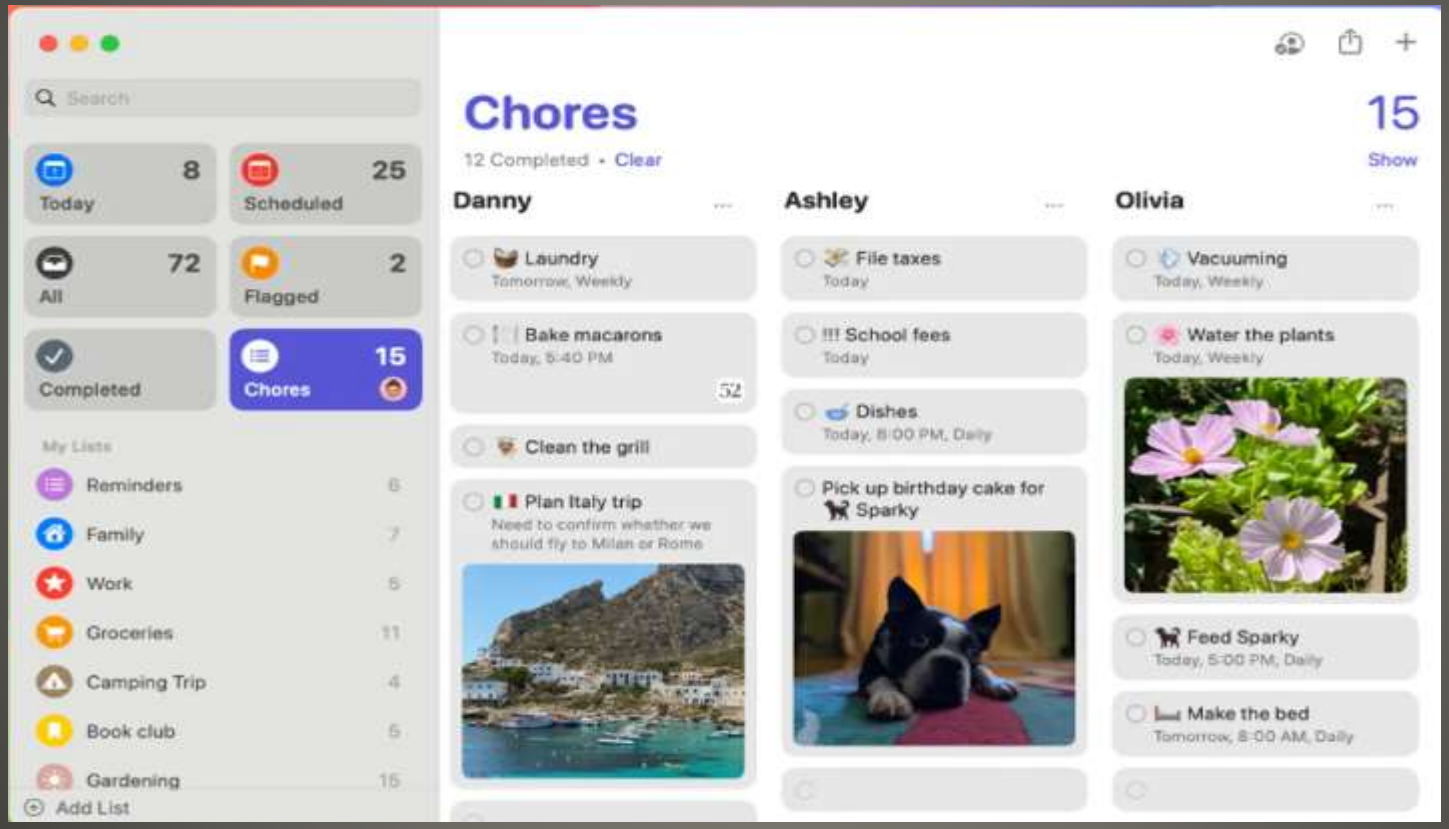
  Connected cards

You permit Apple (Apple Payments Services Ltd (UK) or Apple Processing LLC (US)) to consolidate your account information and provide it to you. We do not store or share this information.

If you are in the United States, Connected Cards is provided by Apple Processing LLC; if you are in the United Kingdom, Connected Cards is provided by Apple Payment Services Ltd (together, "Apple").

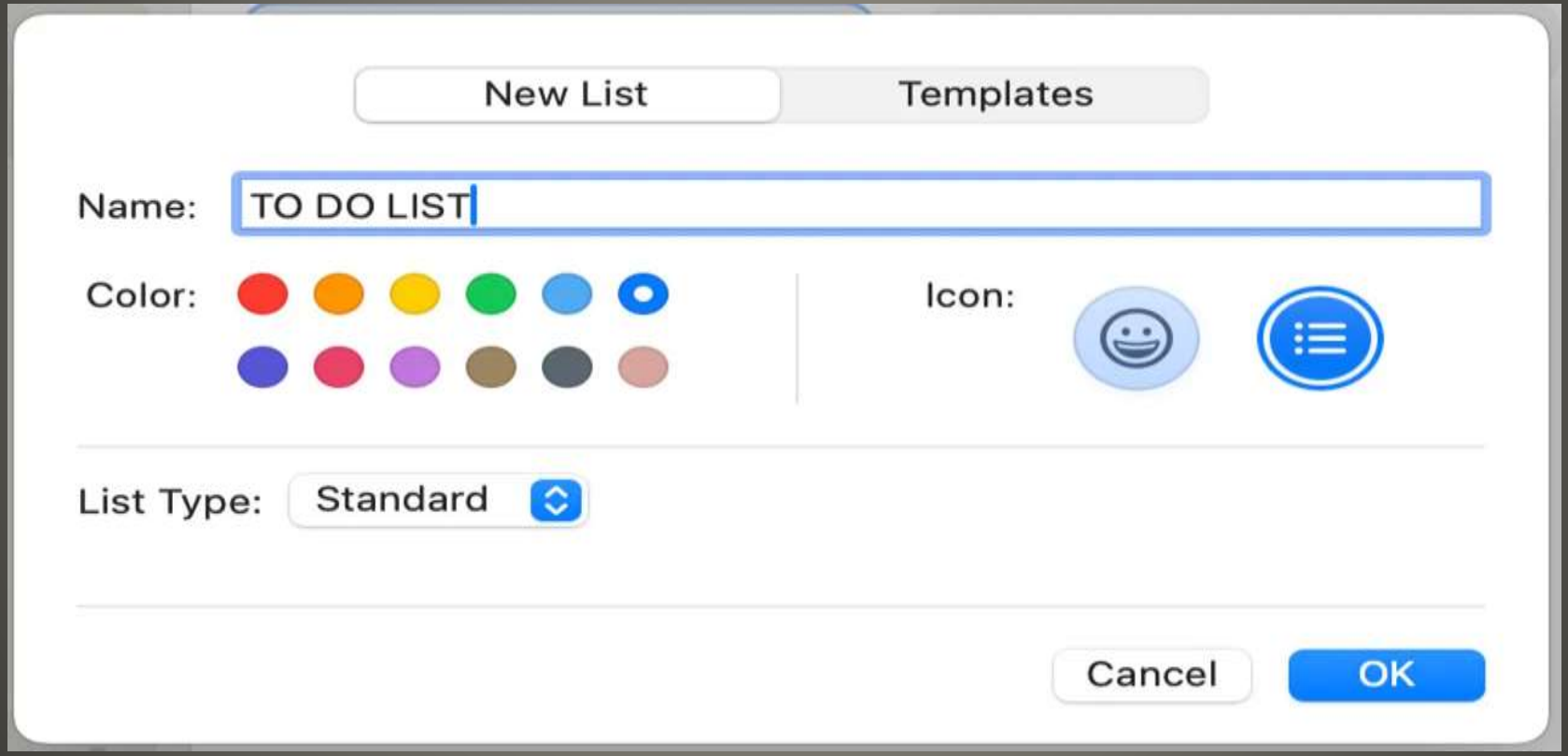
08:28
◀ Monzo
4G 75
Done
monzo
JOINT
....
Available Balance
£15.59
Updated just now

- Productivity tool
- Reminders Sonoma



Kanban Boards

- Reminders App
- Create a new list



Reminders Sonoma

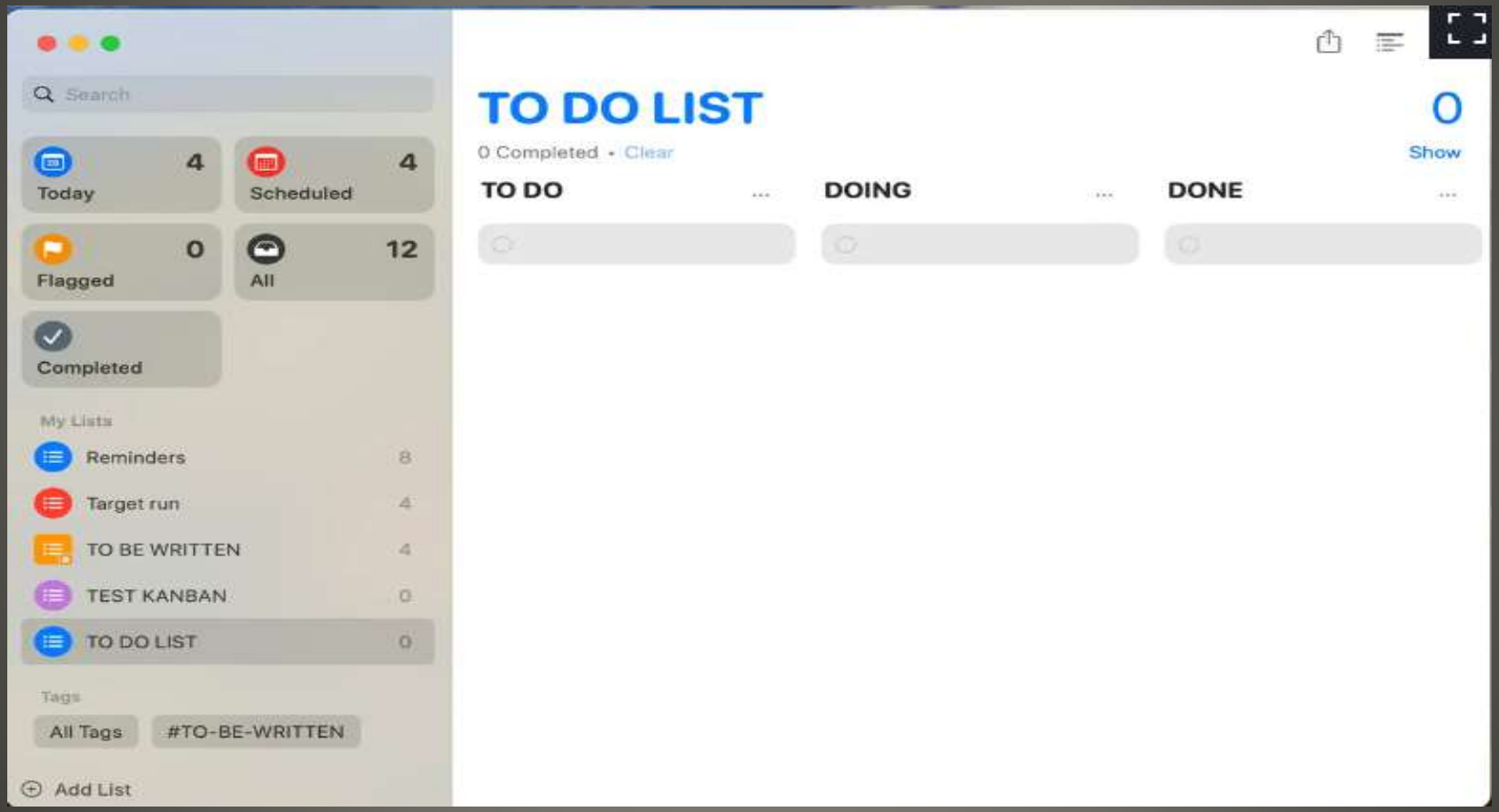
- Create columns
- To Do
- Doing
- Done

Reminders Sonoma

- Switch to Kanban-line layout

Reminders Sonoma

- Add cards to the list

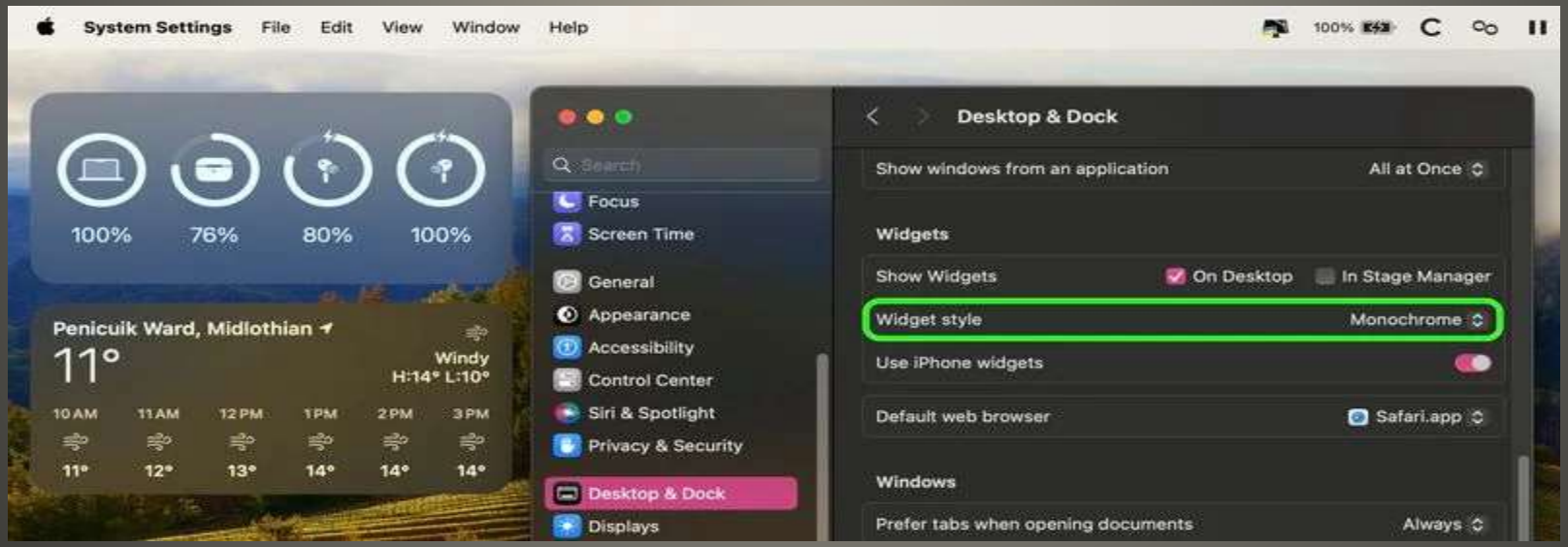


Reminders Sonoma

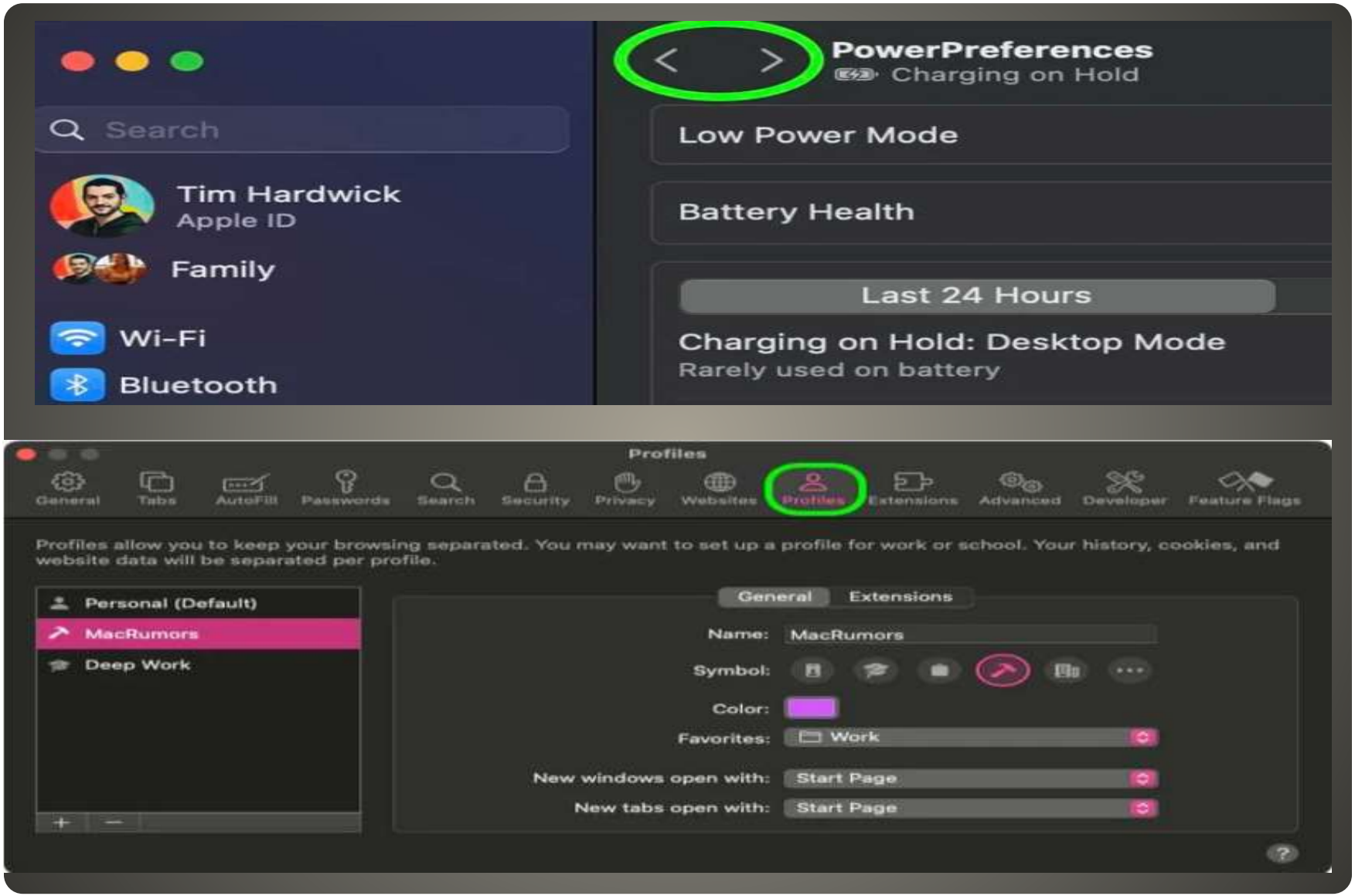
- Apple App Store

Kanban board alternatives

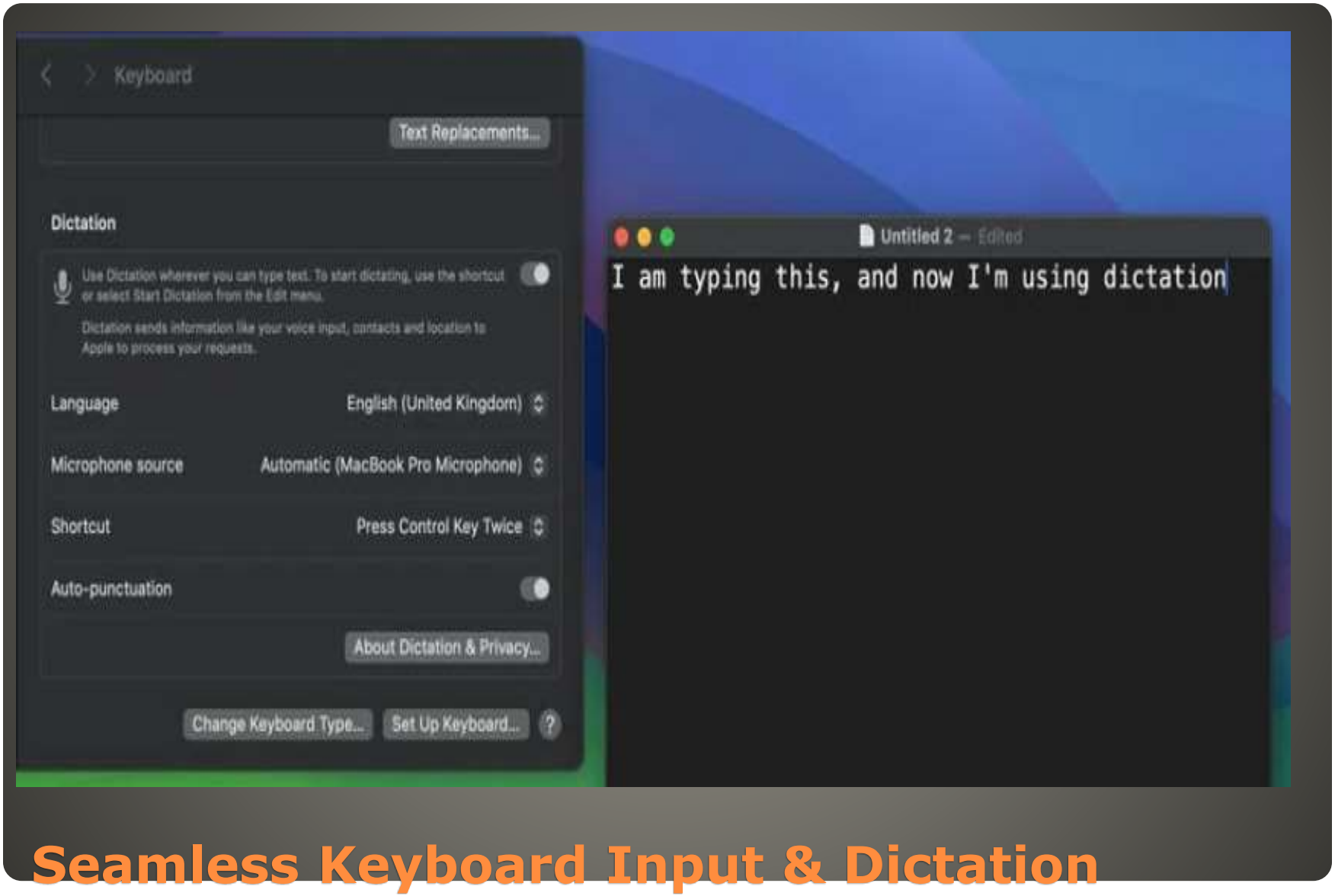
- https://www.macrumors.com/guide/50-new-macos-sonoma-features/
- https://arstechnica.com/gadgets/2023/09/macos-14-sonoma-the-ars-technica-review/



Sonoma


Search
Tim Hardwick
Apple ID
Family
Wi-Fi
Bluetooth
PowerPreferences
Charging on Hold
Low Power Mode
Battery Health
Last 24 Hours
Charging on Hold: Desktop Mode
Rarely used on battery
Profiles
General
Tabs
AutoFill
Passwords
Search
Security
Privacy
Websites
Profiles
Extensions
Advanced
Developer
Feature Flags
Profiles allow you to keep your browsing separated. You may want to set up a profile for work or school. Your history, cookies, and website data will be separated per profile.
Personal (Default)
MacRumors
Deep Work
General
Extensions
Name: MacRumors
Symbol:
Color:
Favorites: Work
New windows open with: Start Page
New tabs open with: Start Page

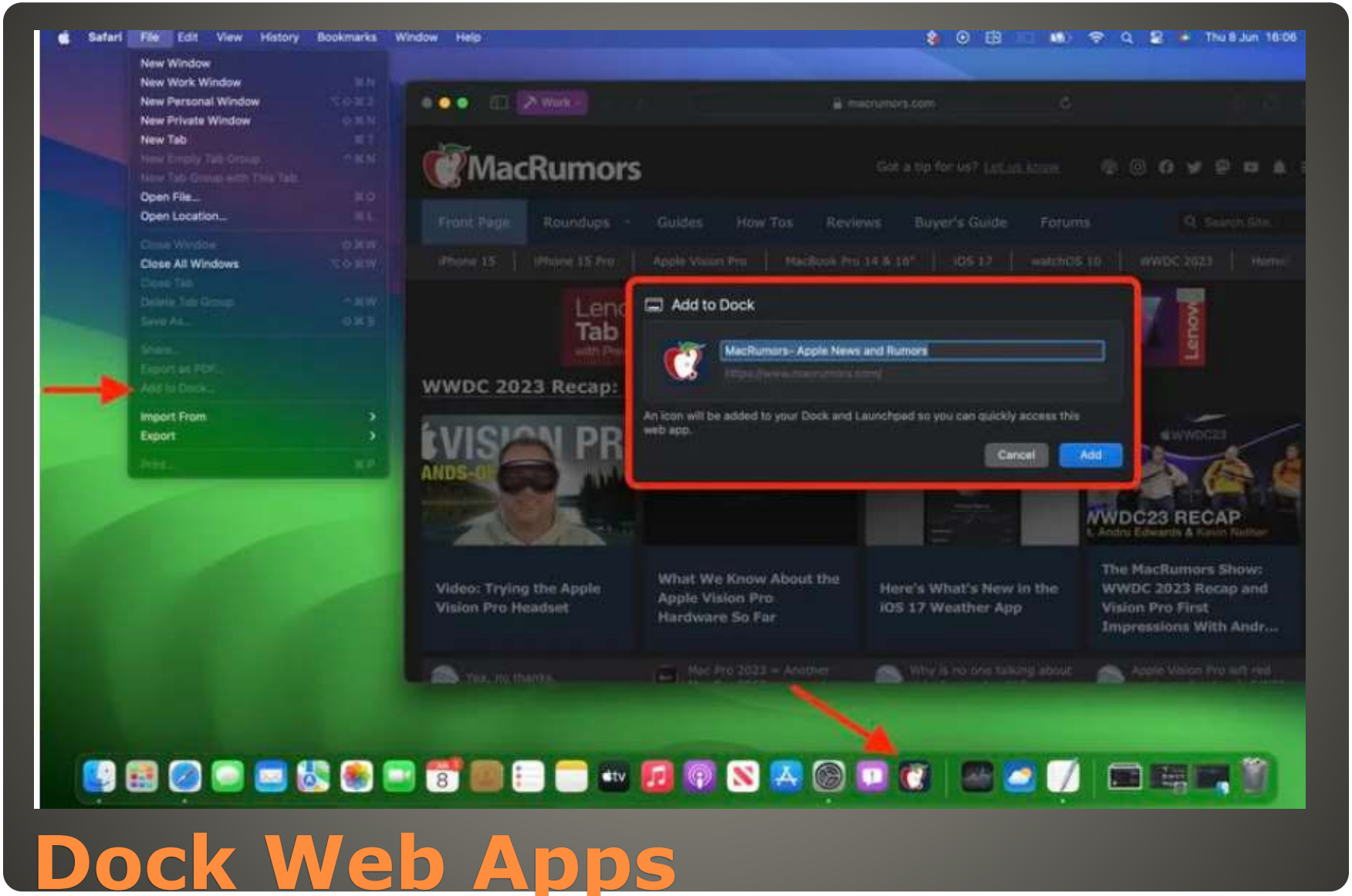
Thu 8 Jun 15:10
FaceTime
FaceTime HD Camera
Portrait
Studio Light
Reactions



Seamless Keyboard Input & Dictation

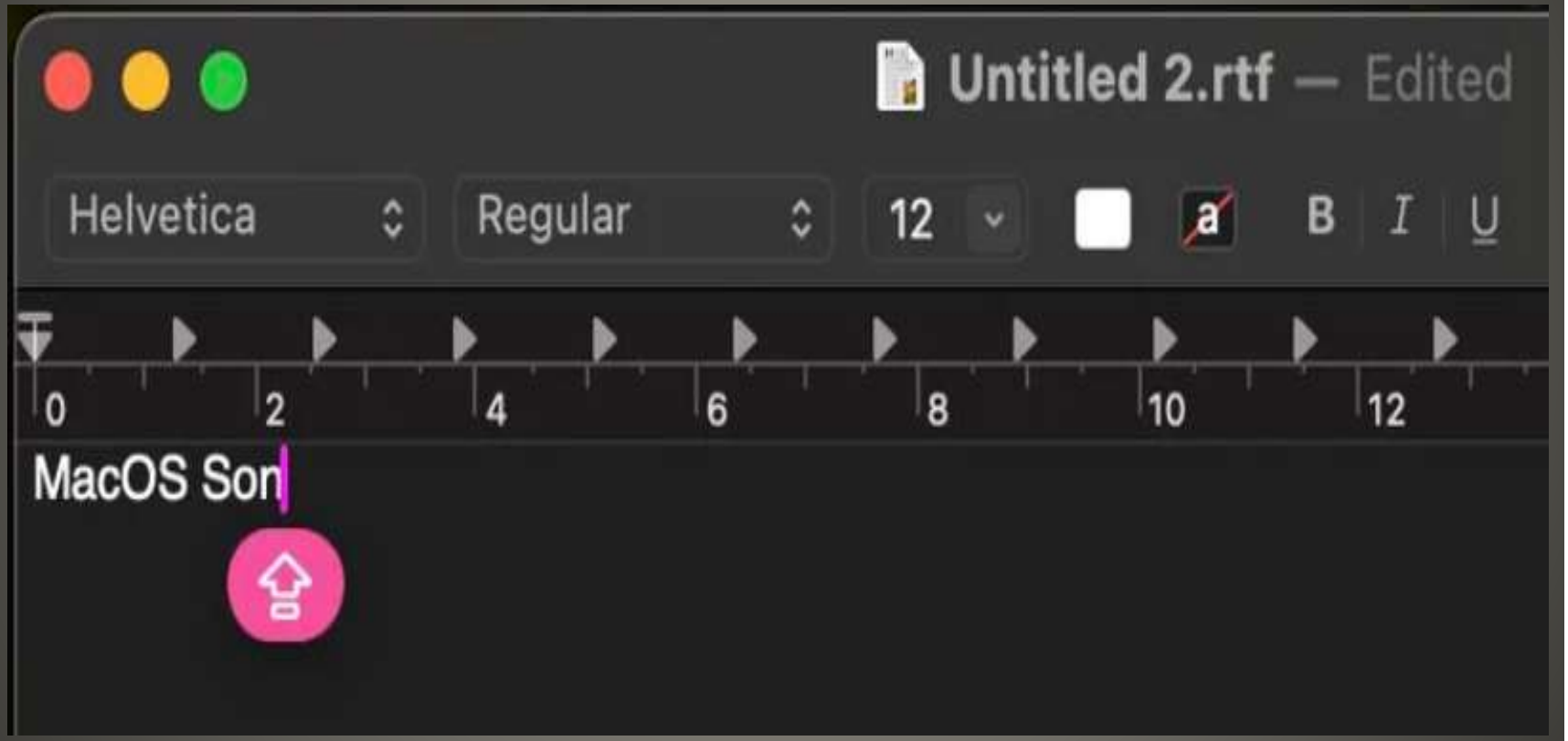
When you're in a FaceTime or Zoom call, click-hold the green traffic light in the corner of an open app window and you'll see a screen sharing option, while a new Presenter Overlay feature can be used to keep you on screen and better able to point to details.

When on a video call, you can either place yourself inside a movable bubble in the corner of the window or desktop that you're sharing, or you can bring on-screen content into the background of your own environment so that it looks as if you're standing just in front of it.



Dock Web Apps

- Icon near cursor
- Test cursor thicker



Caps Lock is On

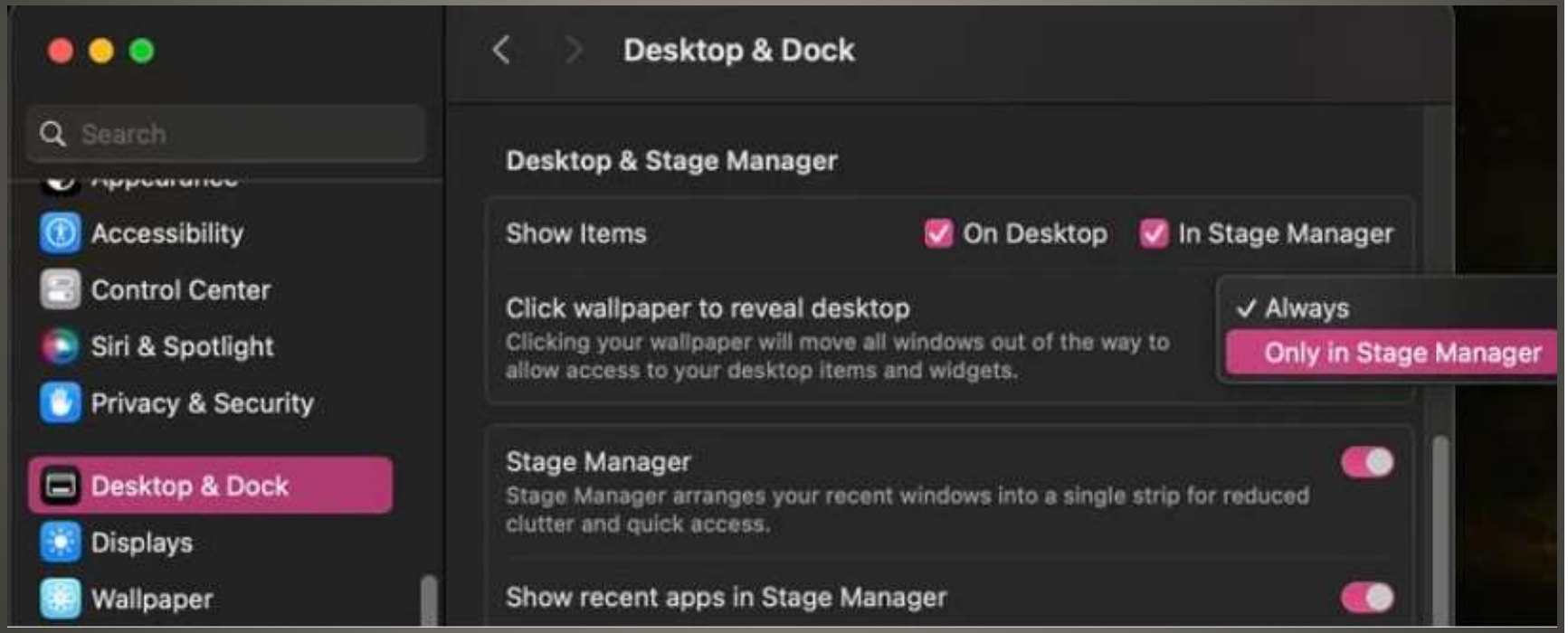
- Open Note > Share > Open in Pages

Open Notes in Pages

iPhone widgets on Mac Dock

iPhone Widgets on Mac Dock Which iPhone?

- Hide ALL windows - click on wallpaper
- Only when Stage Manager
  Settings > Desktop & Dock

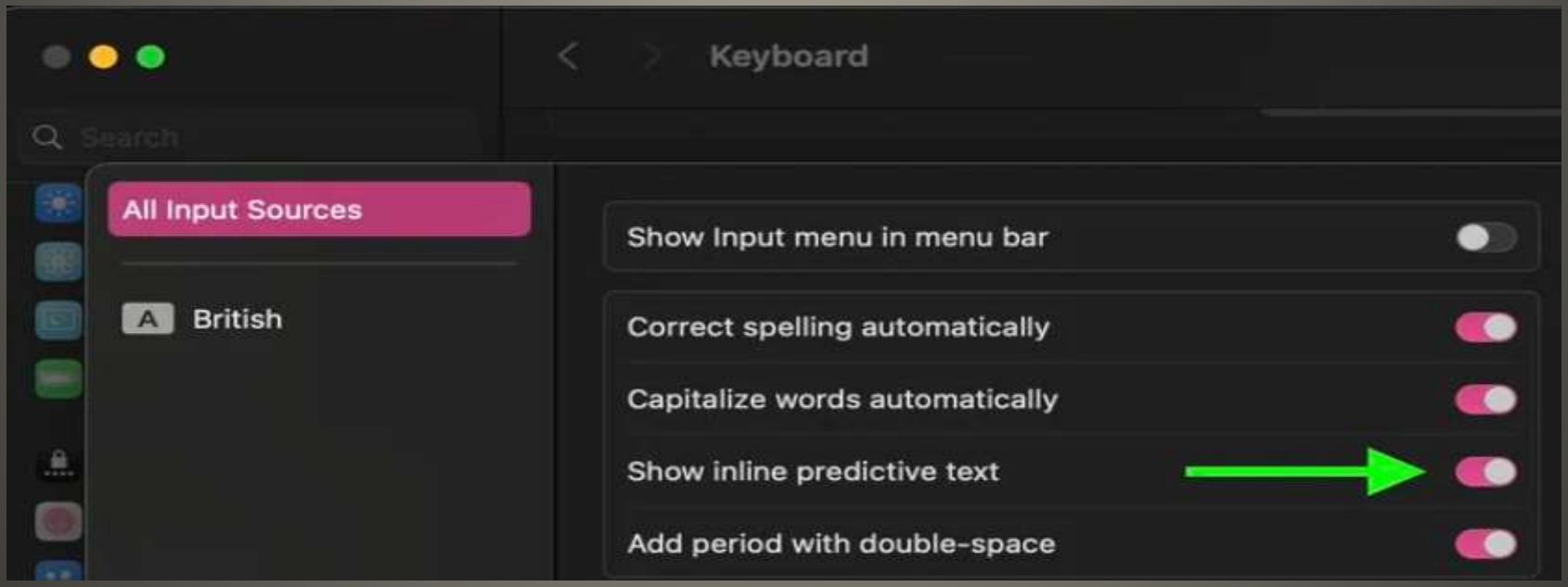


Show/Hide desktop

- Better with use

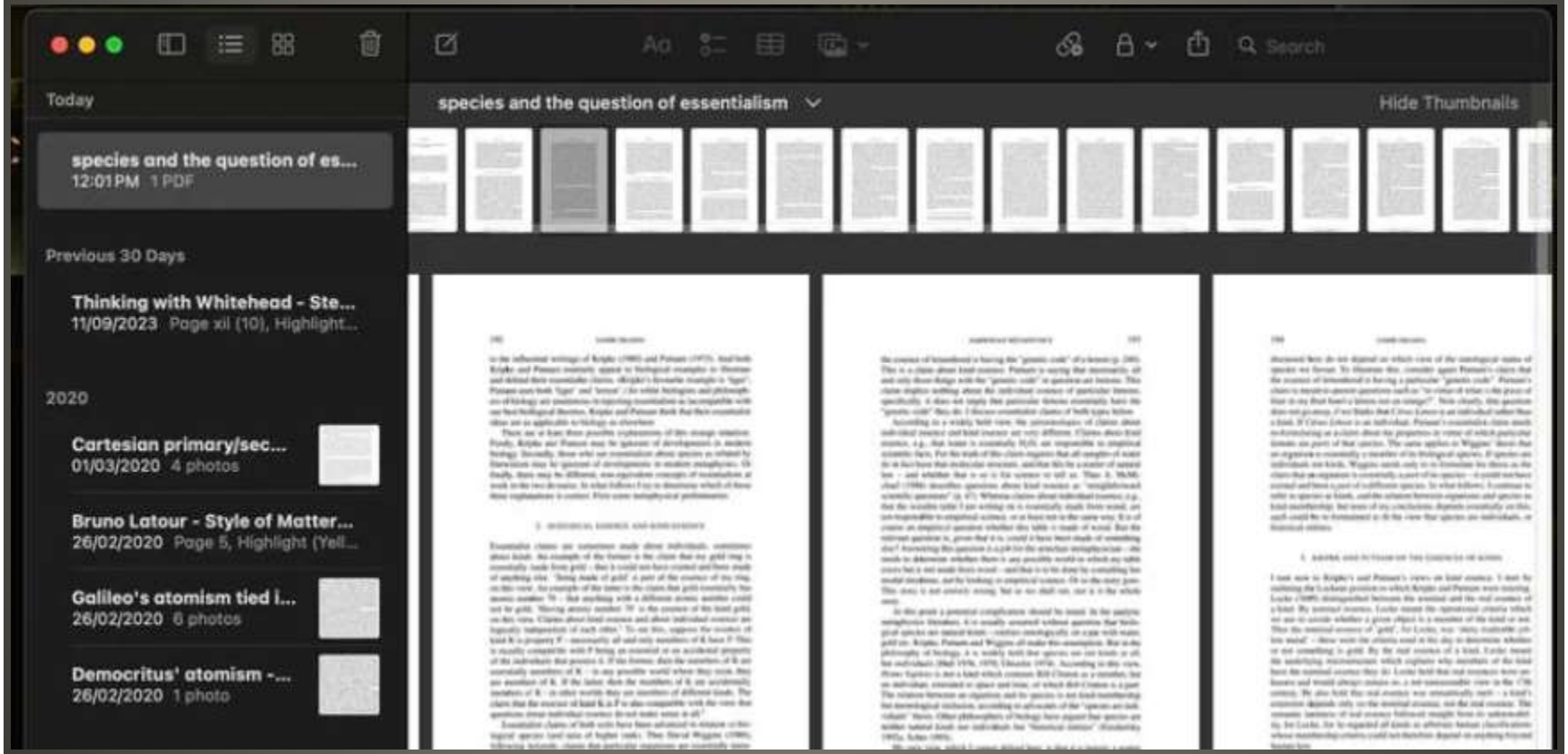
The quick brown fox jumped

- Or Not



Text Prediction

- Managing PDFs in Notes
  Full Width



iPhone 17.0.3 fix thermal issue?

New iPad

- USB-c 20 Amp charger & cable
- iPad old -> iPad new cloud transfer
  Paused due to 50% battery level
  Appeared OK, until photo opened

AirPods Pro 2

- New firmware released
- 6A301 -> 6A303
- Place AirPods in case
- Connect to power
- Pair to iOS device or Mac to update

- Check firmware version
- Connect your AirPods Pro to your iOS device.
- Open the Settings app.
- Tap General.
- Tap About.
- Tap AirPods.
- Look at the number next to "Firmware Version."

iOS 17.1 features?

- Apple Music Favorites
- New StandBy settings
- AirDrop Over Cellular
- Connected Bank Cards (UK)
- Dynamic Island changes
  - Flashlight Indicator
  - Select photo album for Photo Shuffle
- Nintendo Switch N64 controller support

- Battery Life
- Less slowdowns
- Sonoma

Mac vs PC

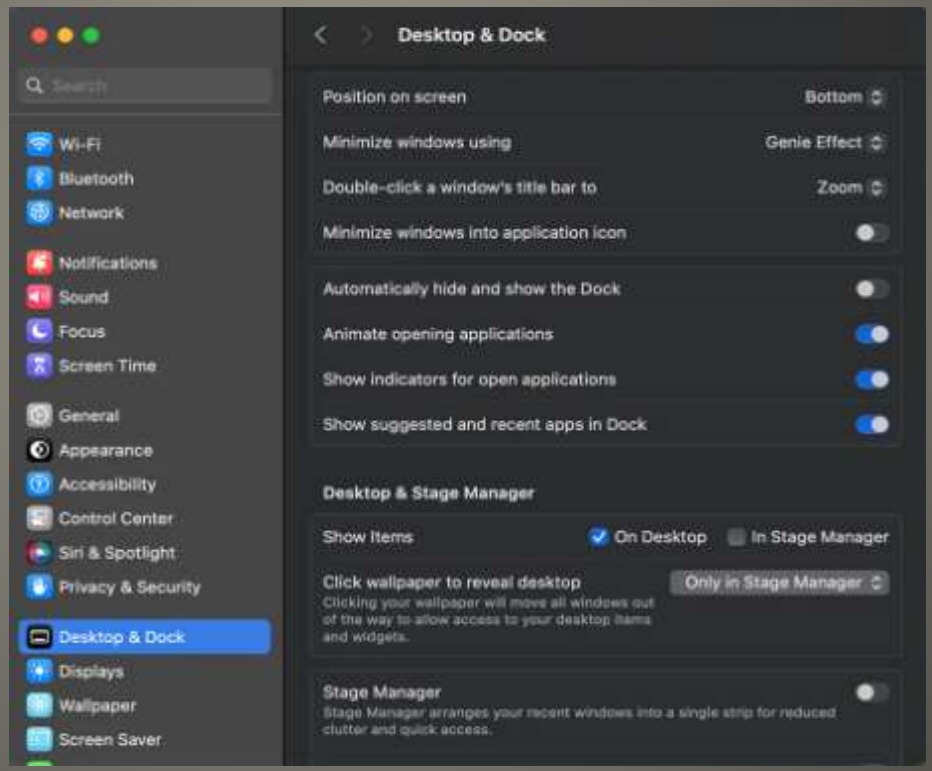
- iFixit YouTube video
- https://youtu.be/JgzkJSE5cq0

iPhone 15 under microscope

iCloud revamp

- iCloud.com
- Actions from iCloud home page
- Browser notifications on PCs
- New list view
- Preview file before loading (spacebar)
- Photos – Memories & slideshow view

- Open the System Settings app
- Click on the Desktop & Dock menu
- Look for the option “Click wallpaper to reveal desktop”
- Where it shows “Always” click and choose “Only in Stage Manager”



Disable “Click wallpaper to reveal desktop”

10.12 SIERRA

10.13 HIGH SIERRA

10.14 MOJAVE

10.15 CATALINA

11.0 BIG SUR

12.0 MONTEREY

13.0 VENTURA

14.0 SONOMA

M1 Mac mini	INSTALLER SIZE	SYSTEM VOLUME	PREBOOT VOLUME	ALL VOLUMES
macOS Ventura (13.5.2)	11.97GB	9.17GB	4.99GB	16.52GB
macOS Sonoma (14.0 RC 1)	12.79GB	9.82GB	5.57GB	18.41GB

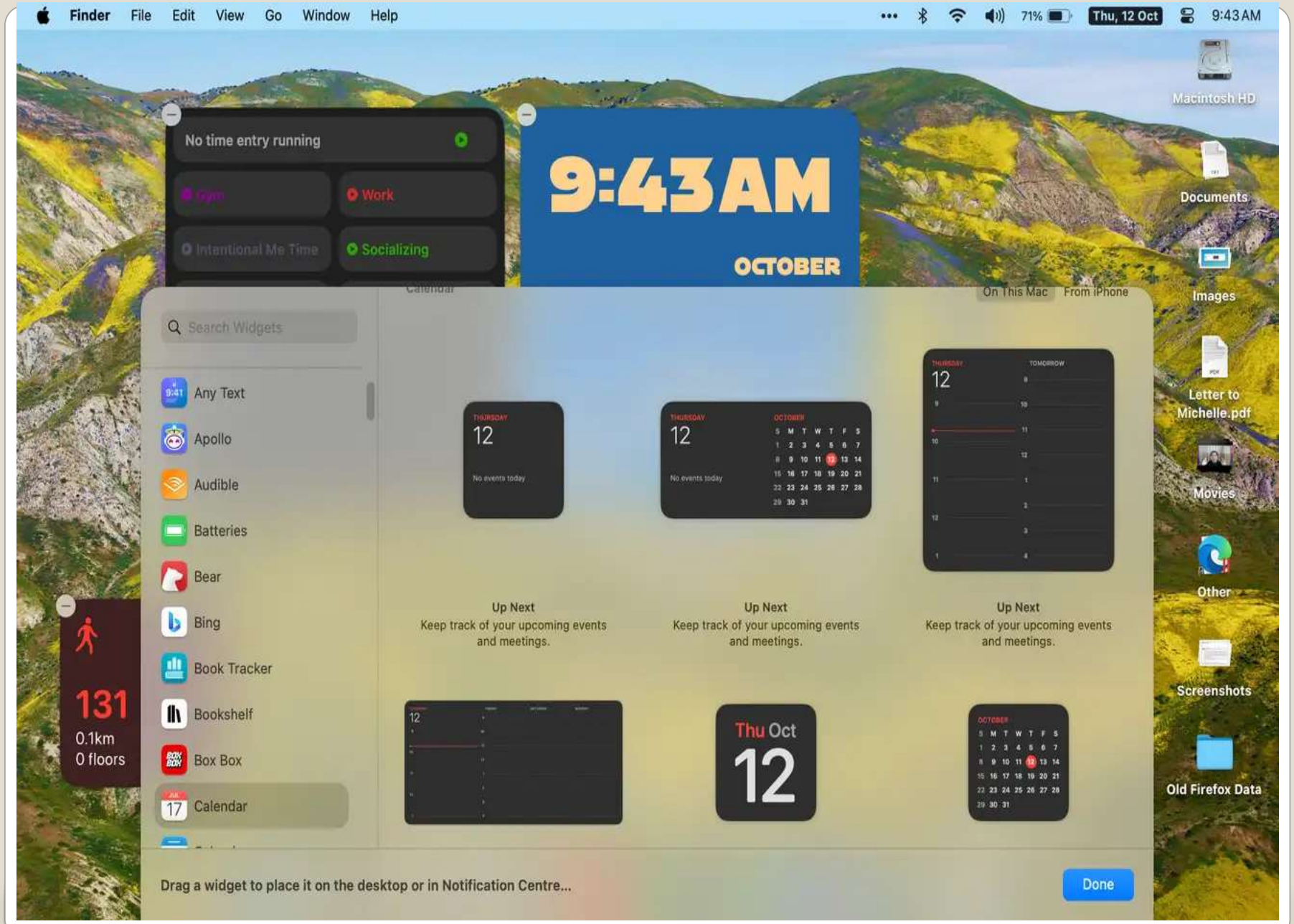
System disk freespace

- Apple Configurator
- IT departments to install apps on iDevices
- Until the bug is fixed, use macOS Ventura

Apple Configurator bug

Sonoma Desktop Widgets

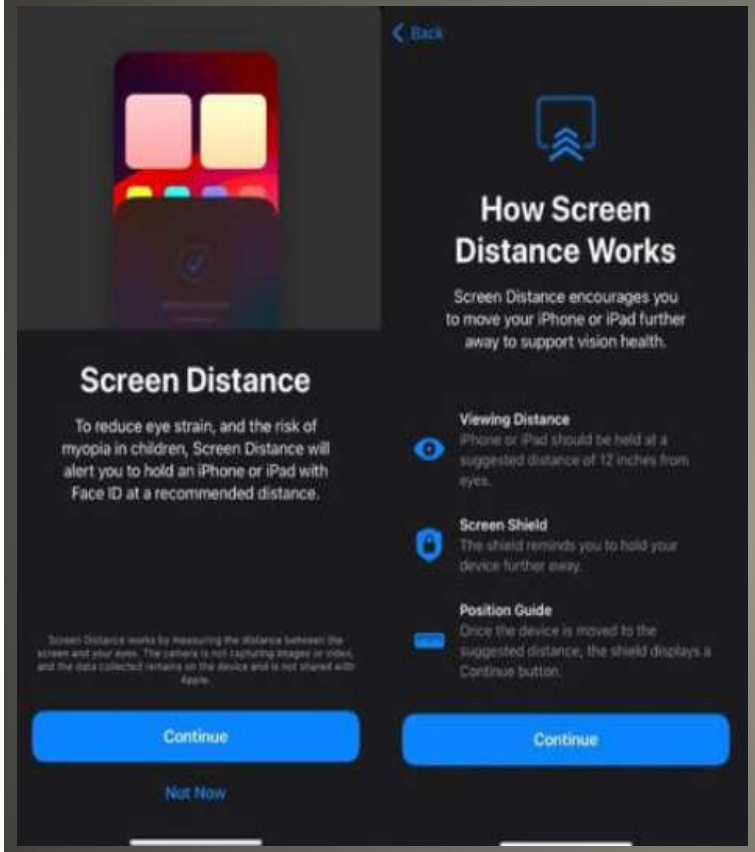
- Mac OS X Widget dashboard
- Mac OS Mojave no Widget dashboard
- Mac OS Sonoma Widgets on desktop
- Same widgets as iDevices
- Click on desktop, all active windows reduced - just your desktop & widgets

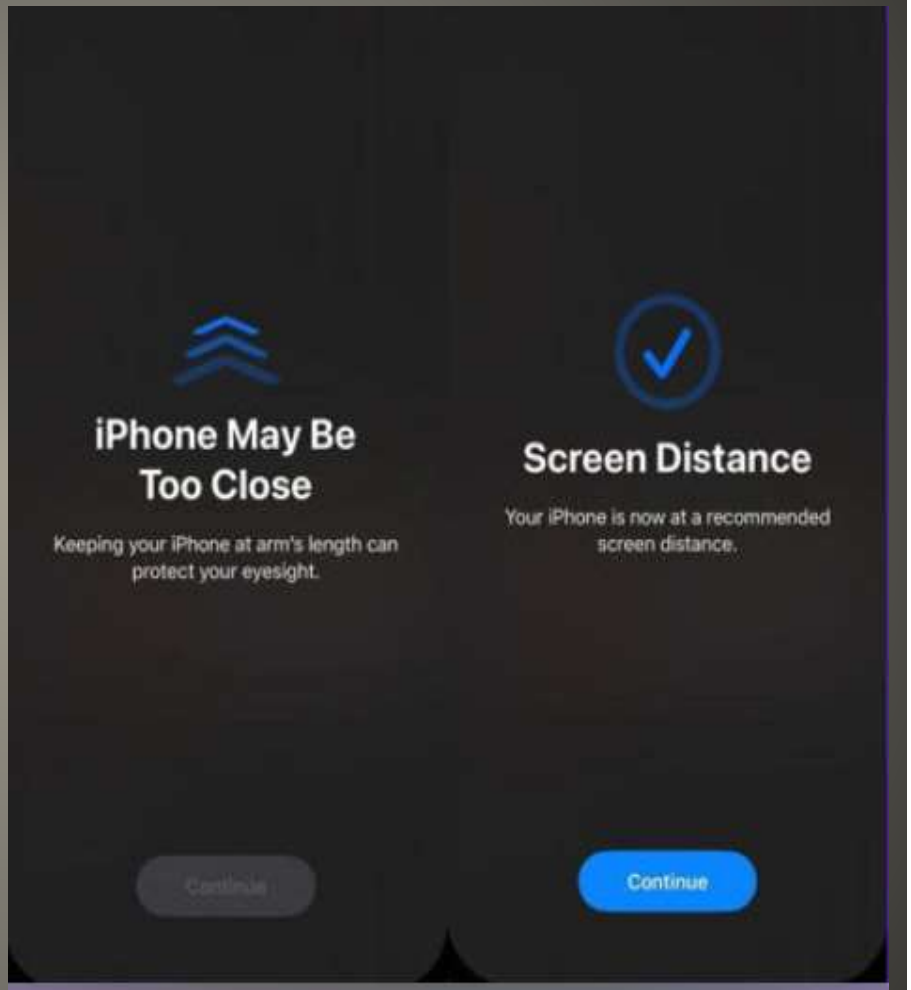

Finder File Edit View Go Window Help
71%
Thu, 12 Oct
9:43 AM
Macintosh HD
No time entry running
Work
Intentional Me Time
Socializing
9:43AM
OCTOBER
Documents
Images
Letter to Michelle.pdf
Movies
Other
Screenshots
Old Firefox Data
Calendar
On This Mac
From iPhone
Search Widgets
Any Text
Apollo
Audible
Batteries
Bear
Bing
Book Tracker
Bookshelf
Box Box
Calendar
THURSDAY
12
No events today
Up Next
Keep track of your upcoming events and meetings.
TOMORROW
Thu Oct
12
131
0.1km
0 floors
Drag a widget to place it on the desktop or in Notification Centre...
Done

- Edit Widgets option

Sonoma Desktop Widgets

- Settings > Screen Time > Screen Distance

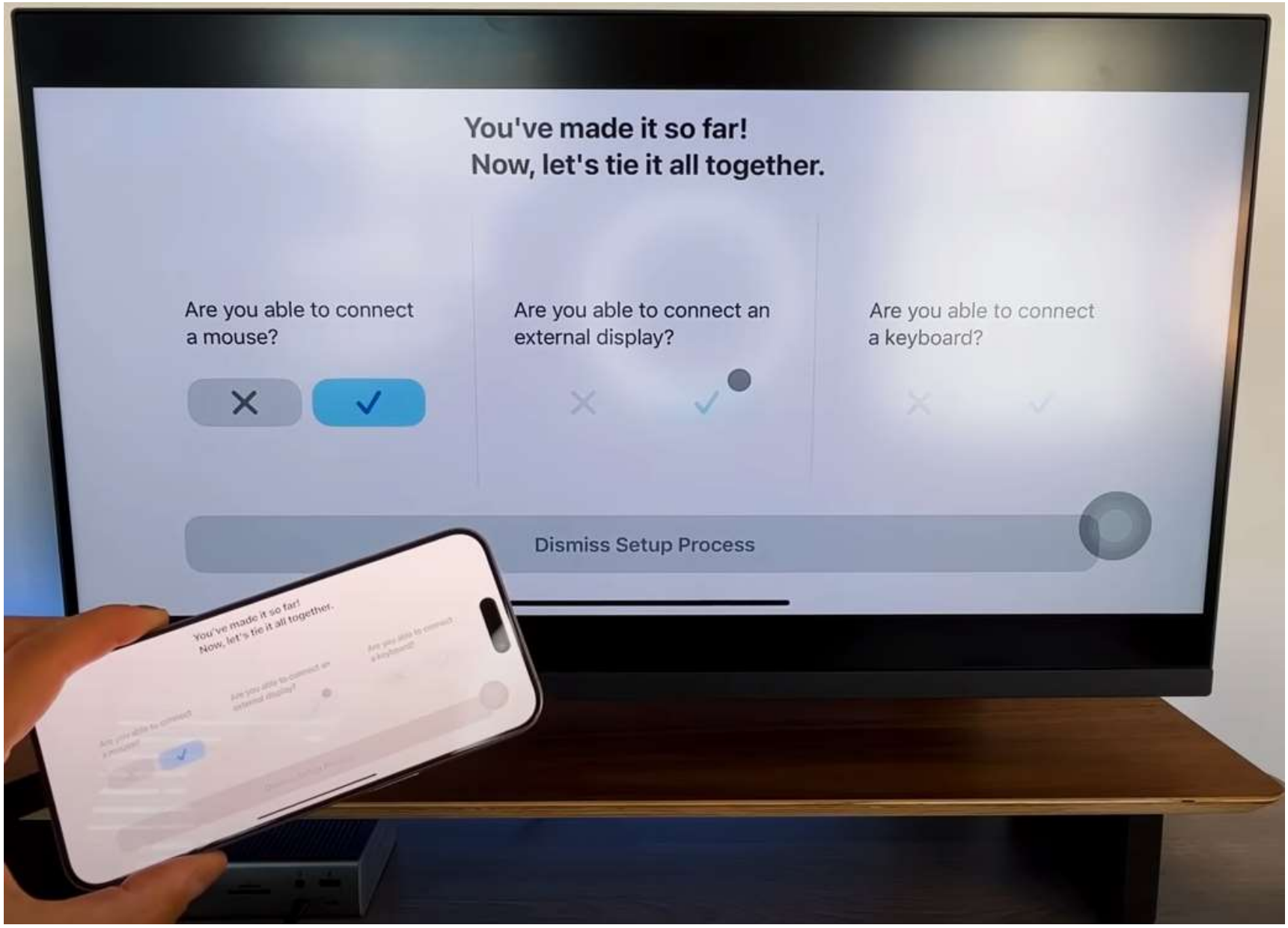




Screen Distance
AI to protect your eyes

- InfiniteX2P - test flight
- USB-C 3.2
- Connect Mouse & keyboard Bluetooth

iPhone 15


You've made it so far!
Now, let's tie it all together.
Are you able to connect a mouse?
Are you able to connect an external display?
Are you able to connect a keyboard?
Dismiss Setup Process

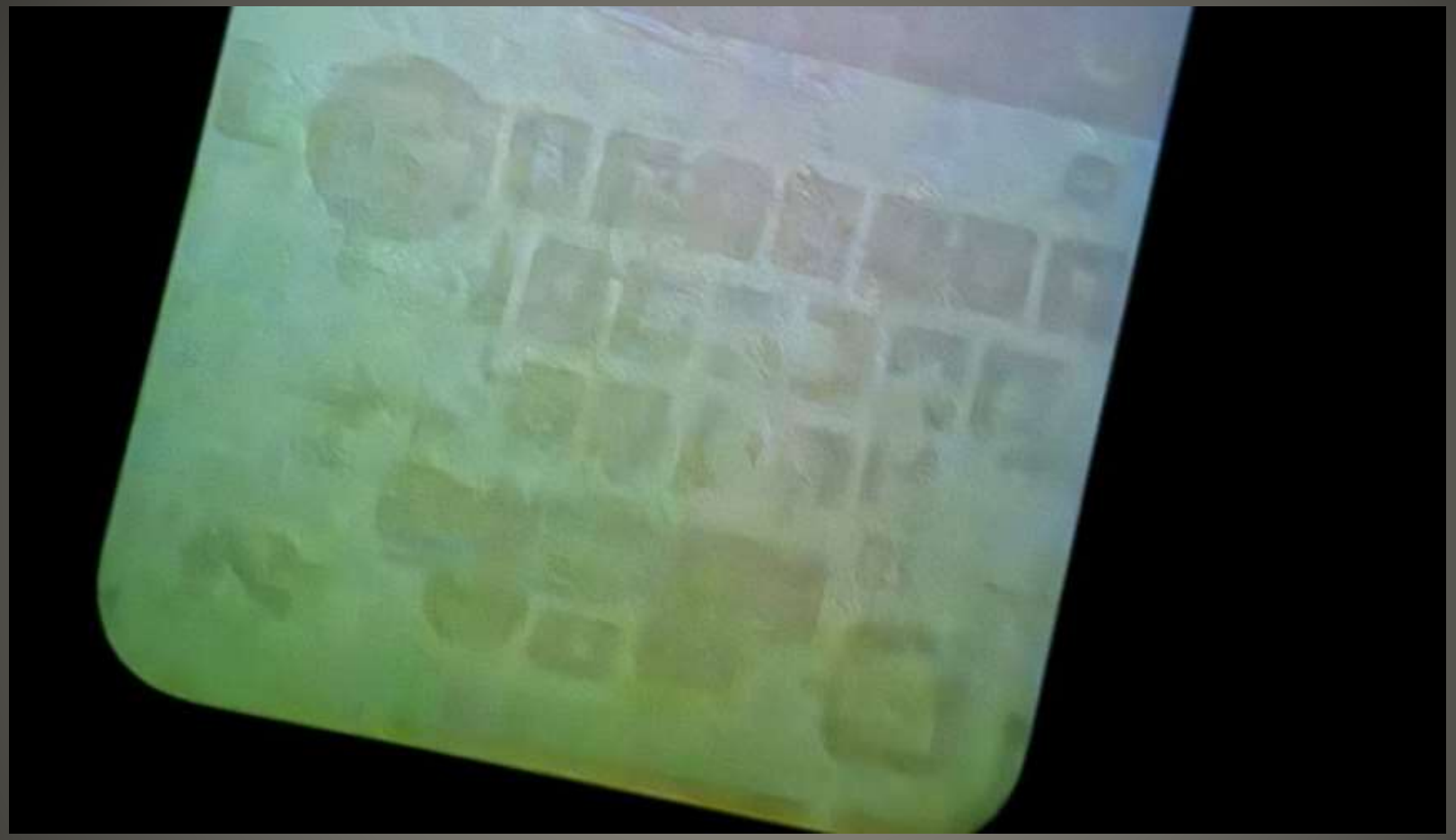
iPad with cellular

- Expense iPad then carrier plan
- Most iPads are 5G capable
- Mobile in car connectivity
- Mobile dash mount for older cars
- GPS - on same chip
- Mac function on a more portable platform
- Cellular data WAY MORE secure
- Gamers

Apple Watch

- Connectivity
  - You, your health, your Apple devices, …
  - Those around you
  - Name Drop - share contact info
  - New S9 chip
  - Watch OS 10.1
  - iOS 17
- Issues Series 9 and Ultra 2
  - Flickering display with Always-on
  - Software fix coming

Share



iPhone 15 Pro Max display

- https://www.asurion.com/connect/tech-tips/oled-burn-in-how-to-avoid-and-fix-tv-and-phone-screen-burn/
- https://apps.apple.com/us/app/doctor-oled-x/id1316194421

- Screen “burn-in”
- Not specific to iPhone 15
- Significant location setting “reset”
  Transferring or paring Apple watch
- Custom and purchased ringtones
  Not appear as options

iOS 17.1

- No more downloading missed podcasts
- No automatic downloads for episodes older than 7 days
- Save on storage for you
- Change in numbers for them

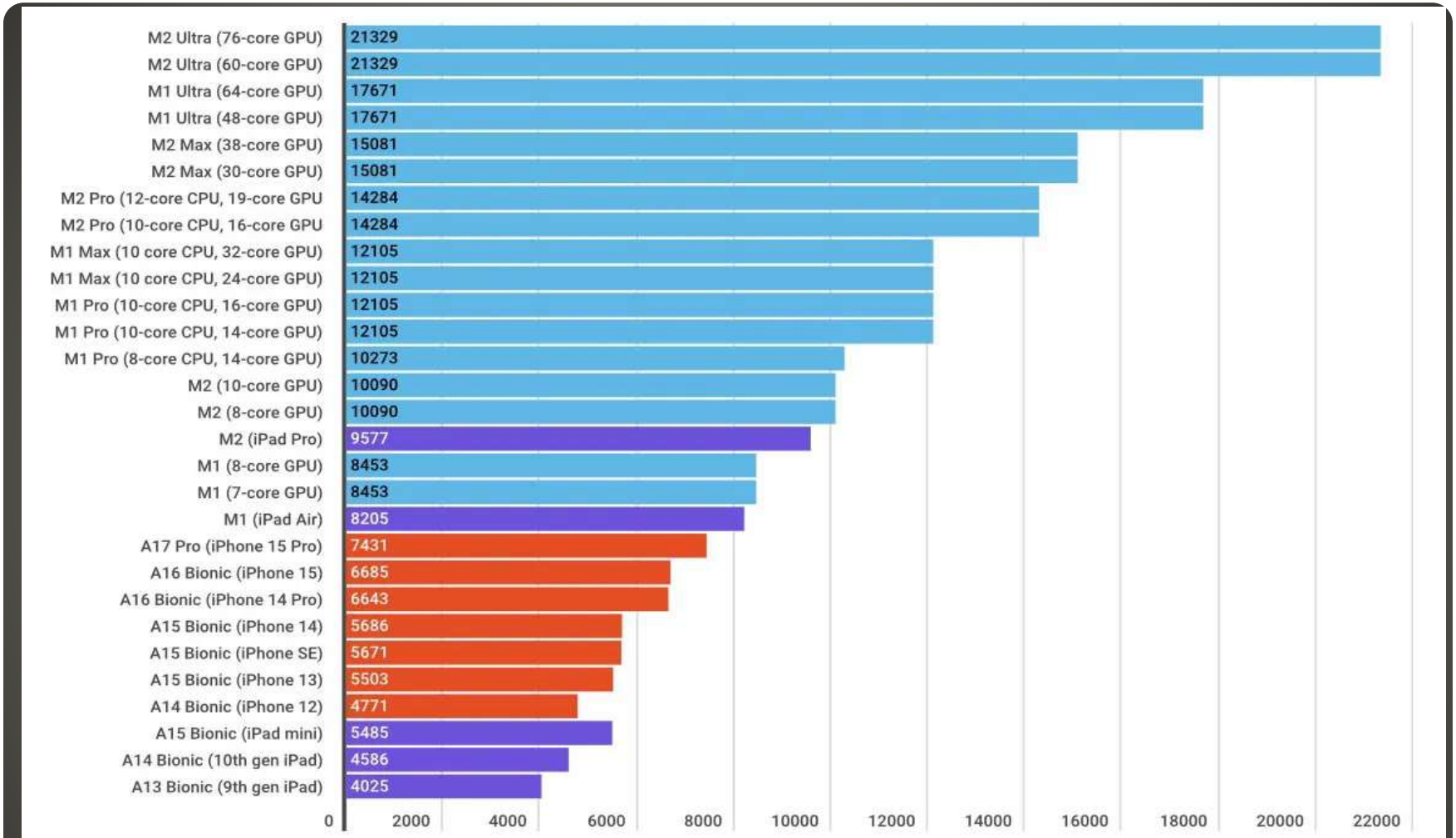
Podcast Subscription change

- New Chip
- Wi-Fi 6E
- Wi-Fi 7
- Bluetooth 5.3

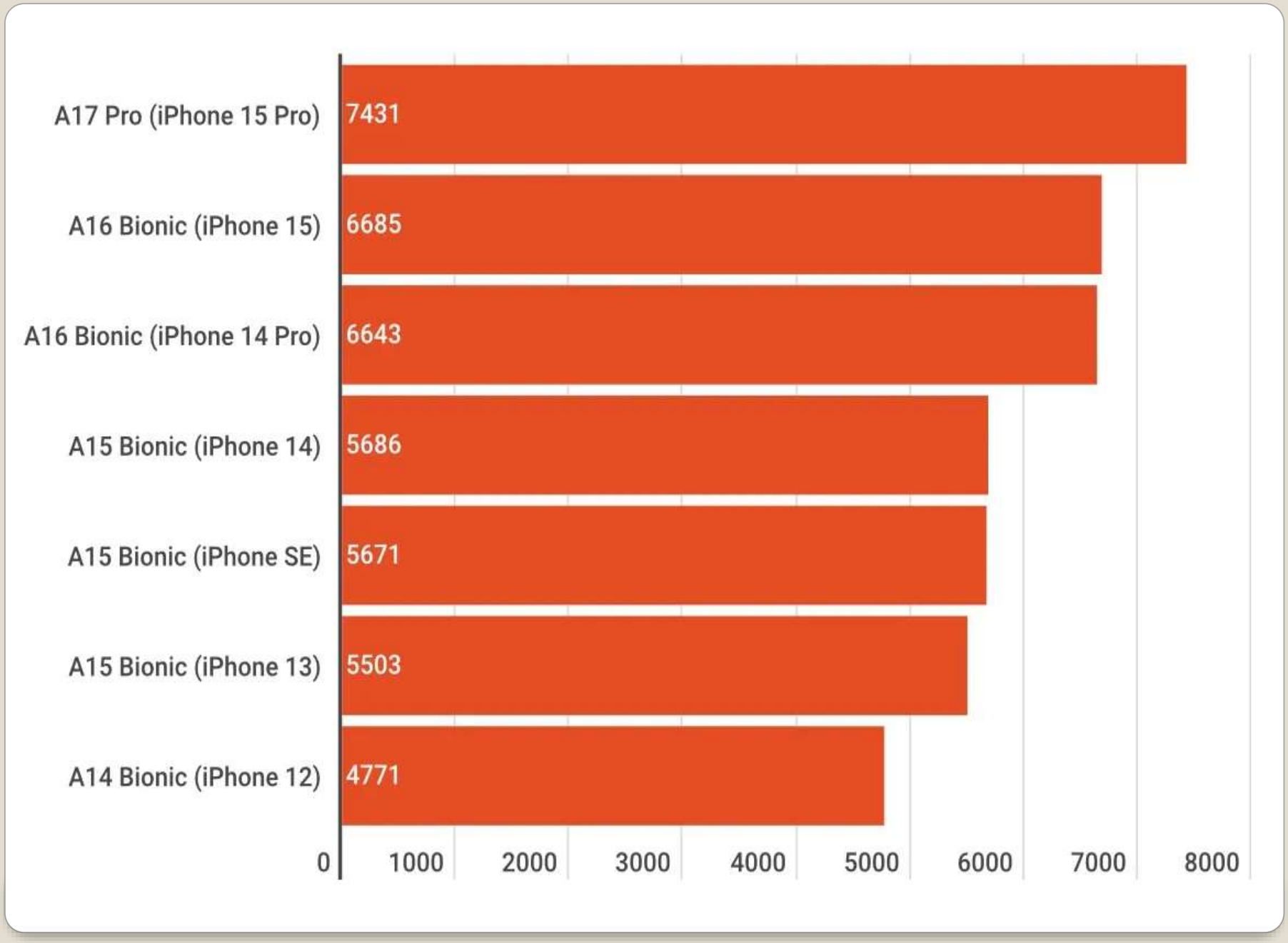
AppleTV

Apple TV+

- “The Problem with Jon Stewart”
- Creative differences
  China
  AI



Apple Silicon


A17 Pro (iPhone 15 Pro)
7431
A16 Bionic (iPhone 15)
6685
A16 Bionic (iPhone 14 Pro)
6643
A15 Bionic (iPhone 14)
5686
A15 Bionic (iPhone SE)
5671
A15 Bionic (iPhone 13)
5503
A14 Bionic (iPhone 12)
4771
0
1000
2000
3000
4000
5000
6000
7000
8000

- Lower resolution
- More compressed format

  Settings > Camera > Formats

  ProRaw resolution

  48 MP -> 12MP

  75 MB -> 25 MB

iPhone Photo Storage

- Remove unneeded photos
- Backup to cloud(s)

iPhone Photo Storage

12.9"

- AI
- Never Leaves Device

Glide Typing

- Generative AI
- Complex tasks
- Apple GPT

iOS 18

- HomePod support
- Iff YouTube Premium or Music Premium subscriber

YouTube Music

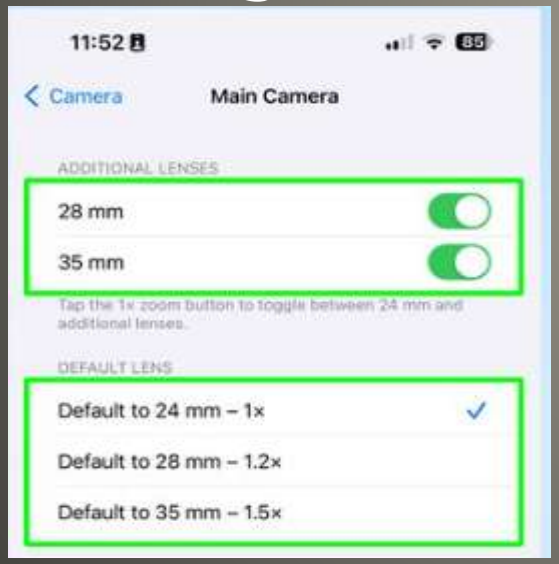
Remote iPhone Camera control

- Apple Watch ***Camera Remote***
- Launches iPhone Camera App
- View finder
- Shutter button 3 second timer
  Allows you to lower wrist
- Hold shutter button for video
- Zoom in or out rotate watch digital crown
- Disable timer
- Choose front or rear camera
- 3 dots -> Options
  flashlight, Live Photo, HDR

- Or
- Spy phone

Remote iPhone Camera control

- Toggle, Defaulting, Disable iPhone 15 Pro 28mm & 35mm camera modes
- 7 lenses but 3 cameras
- Main camera 48MP sensor 24MP default
- Settings > Camera > Main Camera



iPhone 15 Pro swap camera lens mode

- Swap lenses tap or hold 1x button

iPhone 15 Pro swap camera lens mode

iPhone 15 Pro swap camera lens mode

iPhone 15 Pro swap camera lens mode

Apple AI catchup

- 41B/year – generative AI products
- Current AI efforts photos & autocorrect
- Large Language Model framework Ajax
- Apple GPT
- AI – Siri, Messages, Apple Music

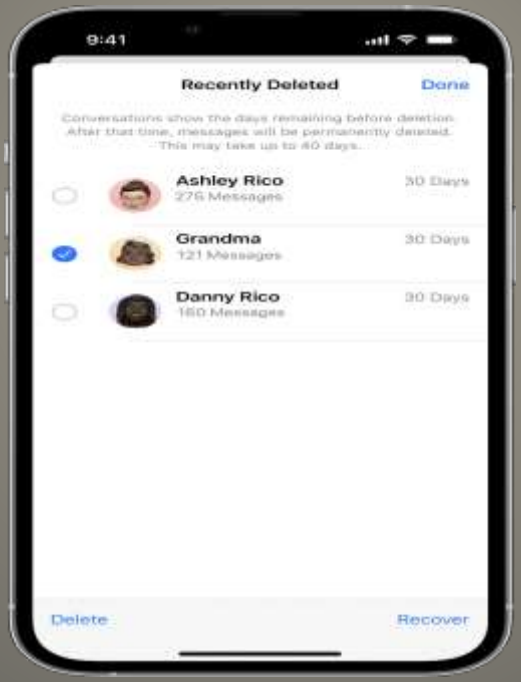
- iPhone 15 Pro Max (256GB) - $1,199
- iPhone 15 Pro Max (512GB) - $1,399
- iPhone 15 Pro Max (1TB) - $1,599

iPhone 15 Pro Max

- Display size: 6.7-inches | Display type: Super Retina XDR OLED | Display resolution: 2,796 x 1,290 pixels (460 ppi) | Display brightness: 2,000 nits | Processor: A17 Pro | Storage options: 256GB, 512GB, 1TB | Housing material: Titanium | Dimensions: 6.29 x 3.02 x 0.32 inches | Weight: 7.81 ounces | Front camera: 12MP (TrueDepth with Face ID) | Rear camera system: 48MP (main), 12MP (ultra-wide), 12MP (2x telephoto) | Operating system: iOS 17 (or later) | Safety features: Emergency SOS via satellite, Crash detection, Roadside Assistance via satellite | Port: 1x USB Type-C | Waterproof rating: IP68 | Physical buttons: Action button, volume up, volume down, Side button | Battery life: Up to 29 hours (with wireless fast charging support)

iPhone 15 Pro Max

- Message Filtering on?
  Filters > Recently Deleted
- Message Filtering off?



iPhone recently deleted

- Settings > Messages > Send Read Receipts
- Go Offline Wi-Fi AND Cellular
- Notification Preview

  Settings > Notifications > Show Previews

  Always | When Unlocked

iMessage
read w/o sender notification

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

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

Computer Club, Help Center, SIGs, Presentations, classes
Cyber Security SIG meetings, NEWSBLOG
Internet

- Questions, suggestions, comments?

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