

Sun City Computer Club

MUG MAC Users Group

March 23, 2022

**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??

Presenter???

- iPhone SE
 - Most affordable
 - A15 Bionic chip
 - 5G
 - Longer battery life
 - New color options
 - More durable glass front & back

\$429 to \$579

Apple March 8 Media Event

- Wait 48 hours
- Restart
- Check for app Updates

iPhone battery drain?

- iPad Air

M1 chip

12 MP ultra wide camera front center stage

USB-C port 2x faster data transfer speed

5G cellular (option)

\$599 64GB \$749 256GB

Apple March 8 Media Event

- Unannounced but mentioned
- Mac Pro Apple silicon
- MacBook Apple silicon

Apple March 8 Media Event

- Mac Studio



March 8 Apple Event Mac Studio



Mac Studio

Up to

20-core

CPU

Up to

64-core

GPU

Up to

128GB

unified memory

Up to

800GB/s

memory bandwidth

Mac Studio



Studio Display

Immersive 27-inch 5K Retina display. 12MP Ultra Wide camera with Center Stage. Six speakers and Spatial Audio.

[Learn more](#)

[Order now](#)

Mac Studio

Outrageous performance with the M1 Max or all-new M1 Ultra chip. Stunningly compact design. Extensive connectivity.

[Learn more](#)

[Order now](#)



New



10-Core CPU
24-Core GPU
16-Core Neural Engine

32GB unified memory

512GB SSD storage¹

Front: Two USB-C ports, one SDXC card slot

Back: Four Thunderbolt 4 ports, two USB-A ports, one HDMI port, one 10Gb Ethernet port, one 3.5 mm headphone jack

\$1,999.00

or

\$166.58/mo. for 12 mo.*

New



20-Core CPU
48-Core GPU
32-Core Neural Engine

64GB unified memory

1TB SSD storage¹

Front: Two Thunderbolt 4 ports, one SDXC card slot

Back: Four Thunderbolt 4 ports, two USB-A ports, one HDMI port, one 10Gb Ethernet port, one 3.5 mm headphone jack

\$3,999.00

or

\$333.25/mo. for 12 mo.*

**Nano-texture
glass option**

12MP Ultra Wide camera with

Center Stage



600 nits of brightness



P3 wide color



VESA mount adapter option

1 billion

Colors



96W power
delivery via
Thunderbolt

**27-inch 5K
Retina display**



**Six-speaker
sound system**

with Spatial Audio



True Tone



USB-C ports

**Tilt and height
adjustable
stand option**



**Studio-
quality mics**



Optional silver-and-black Magic accessories

**Integration
with macOS**

- Universal Control
- New emoji
- New Siri voice
- Spatial audio enhancements
- Vulnerability mitigations

Monterey 12.3

- Options

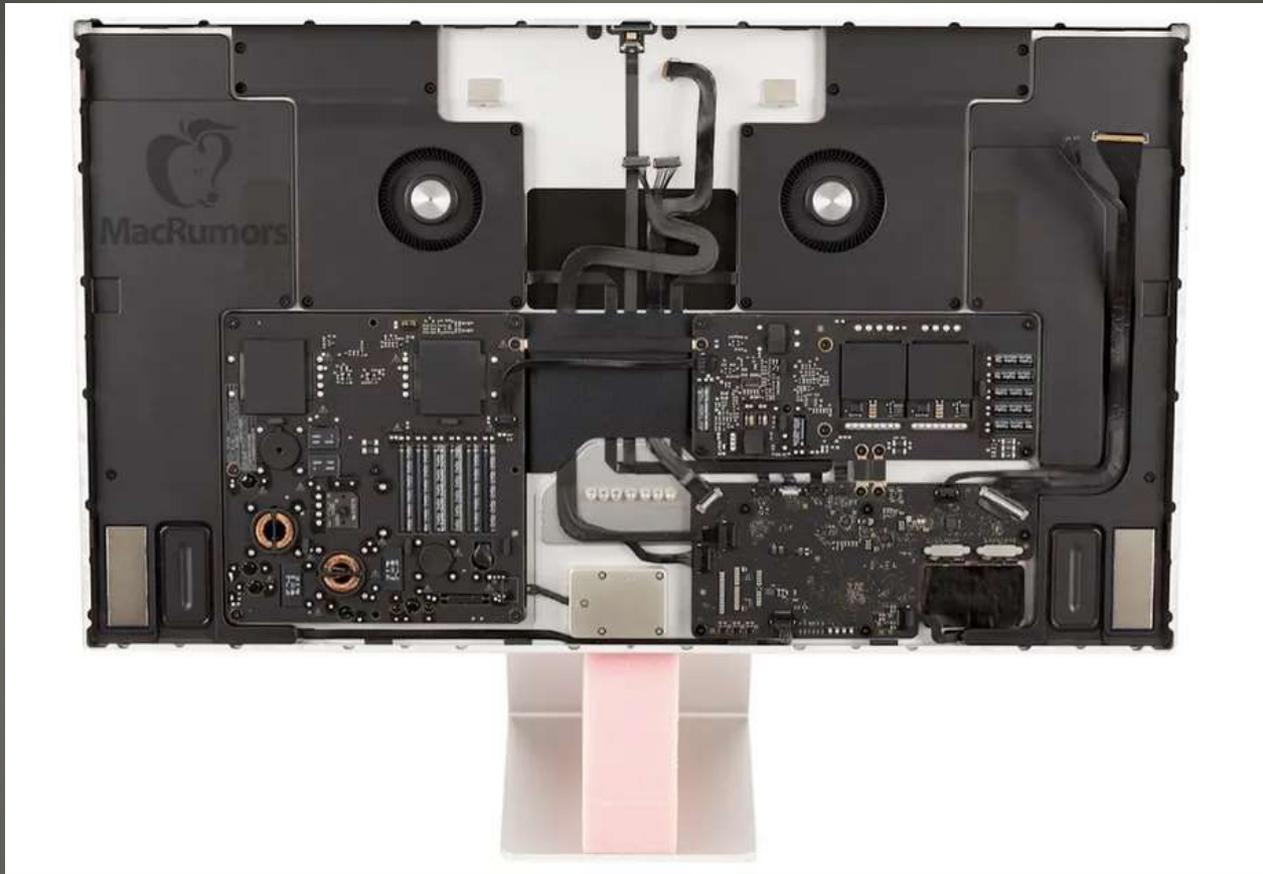
64 core GPU
128GB memory
8TB SSD

\$7,999.00

Mac studio

- Standard Glass \$1599
- Nano-texture Glass \$1899
- Graphics processor
- High Quality speakers 6 of them
- Microphone array
- High quality camera 12MP
- 3 USB-C ports
- 96 watts
- Thunderbolt
- A13 Bionic chip
- 27-inch 5K
- 64GB iOS 15.4
- More features in future?

Studio Display



Studio Display

MacBook Pro (2016 and later)
MacBook (2016 and later)
MacBook Air (2018 and later)
iMac (2017 and later)
Mac (5K Retina 27-inch, Late 2015)
iMac Pro
Mac mini (2018 and later)
Mac Pro (2019)

iPad Pro
iPad Air (3rd generation and later)
iPad (6th generation and later)
iPad mini (5th generation and later)

Universal Control

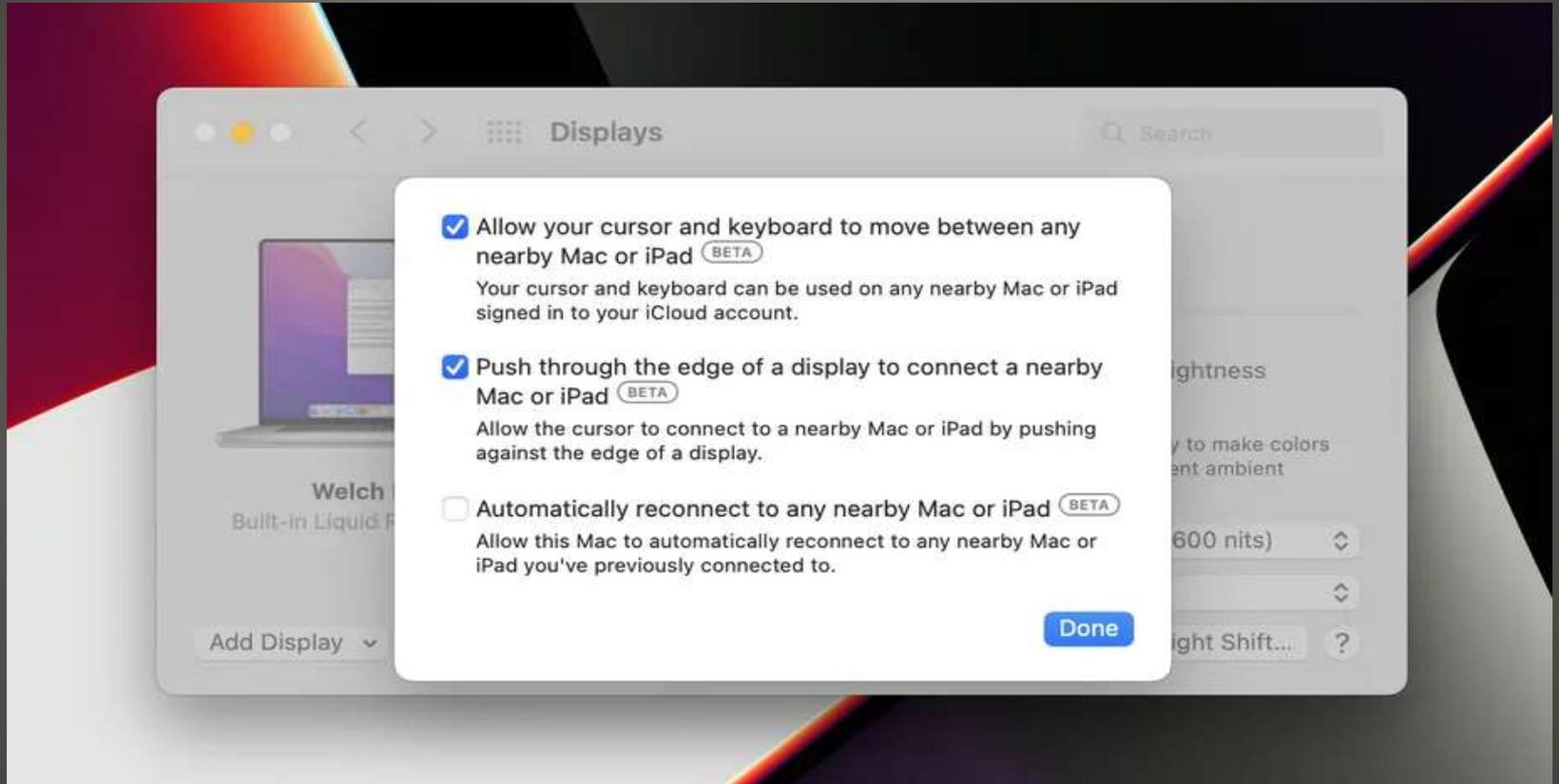
- iPad uniqueness
 - Touch Screen
 - Pencil
 - FaceID
 - Camera
 - iPad apps
 - Games
 - Trac Pad

Universal Control Advantages



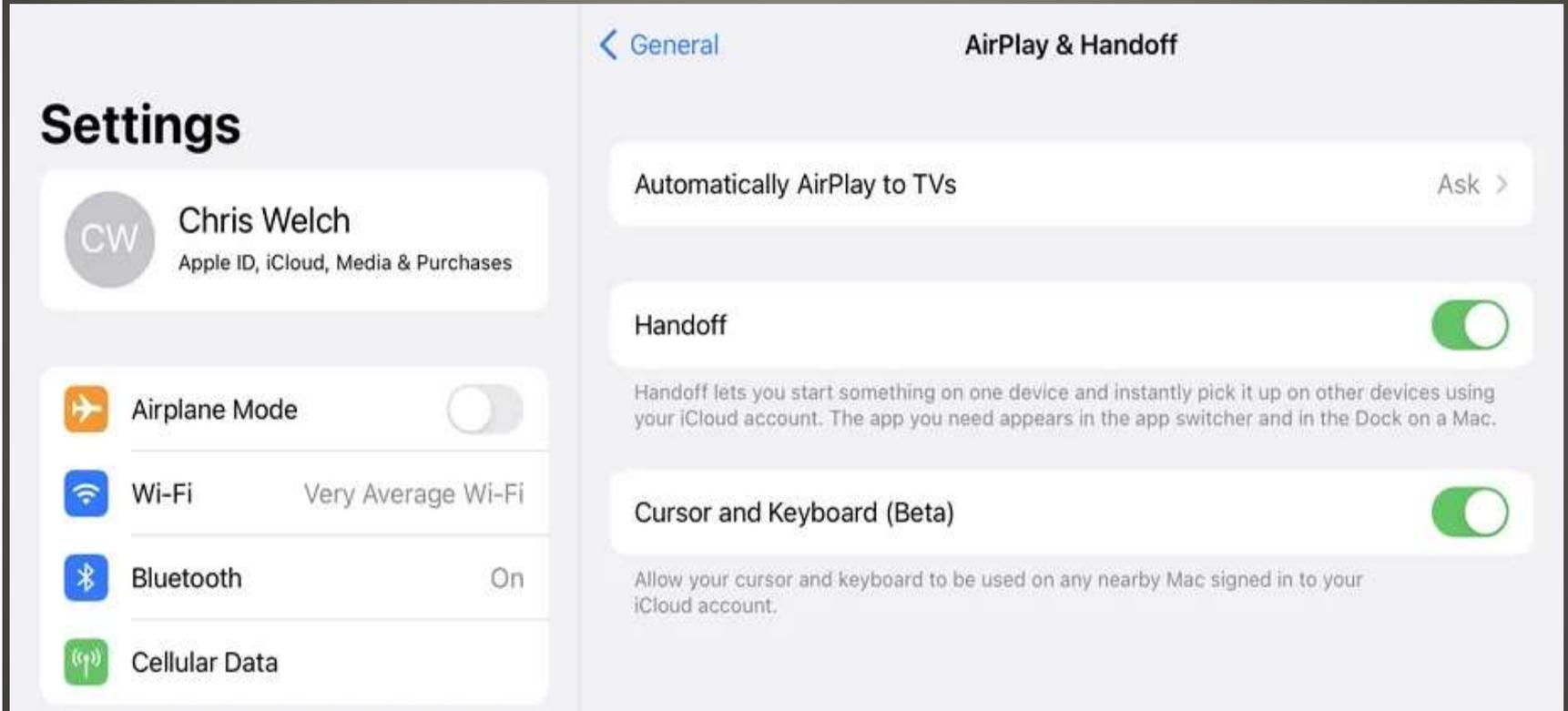


- System Preferences > Displays > Universal Control



On a MAC (supported MAC)

- Settings > General > AirPlay & Handoff



On an iPad

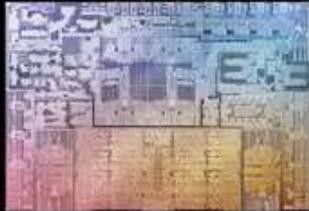
- Place devices in close proximity
- Have all eligible devices logged in with Apple ID
- Push thru edge



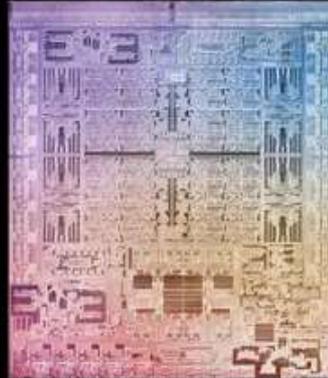
Universal Control



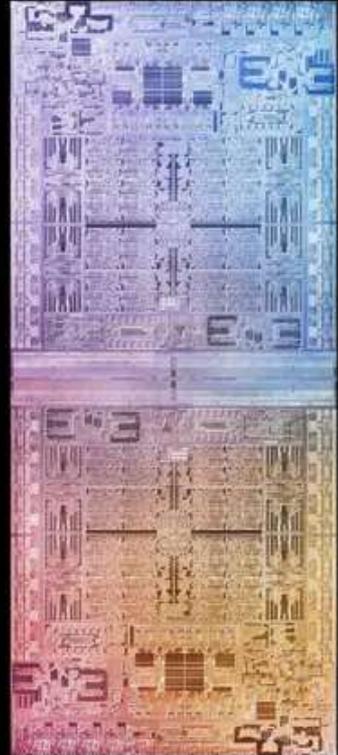
Apple M1



Apple M1 Pro



Apple M1 Max



Apple M1 Ultra

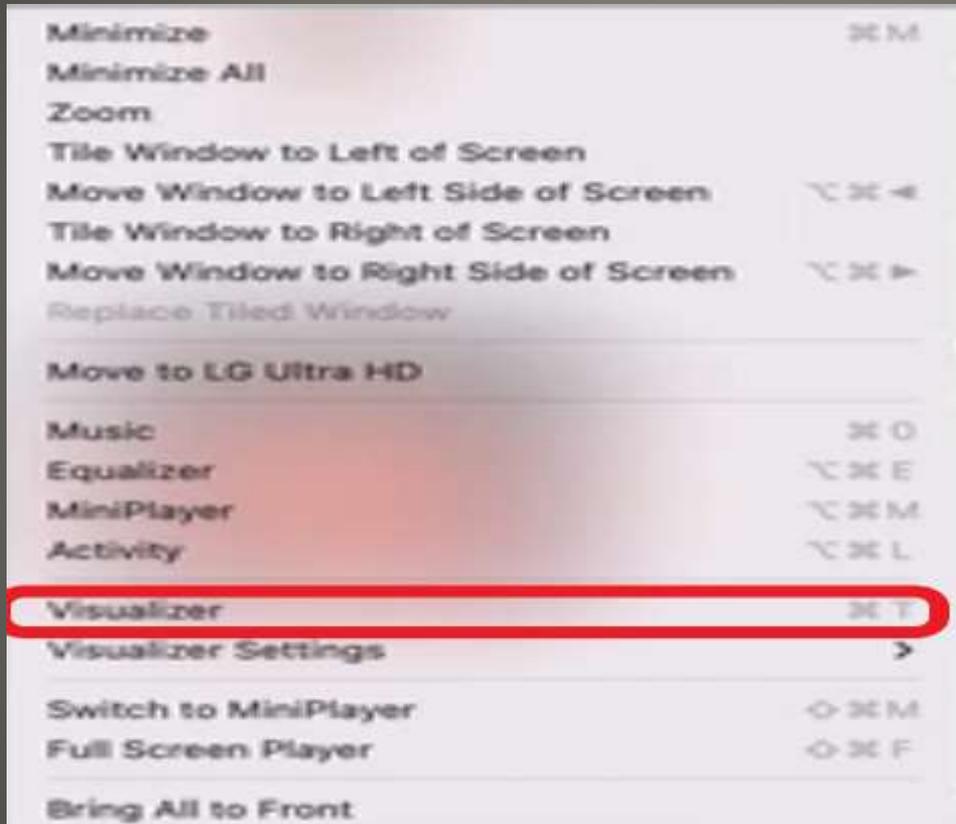
M1 Ultra

- Funny Faces with Photo Booth



MacMost 10 fun things

- Crazy Animations with Music Visualizer



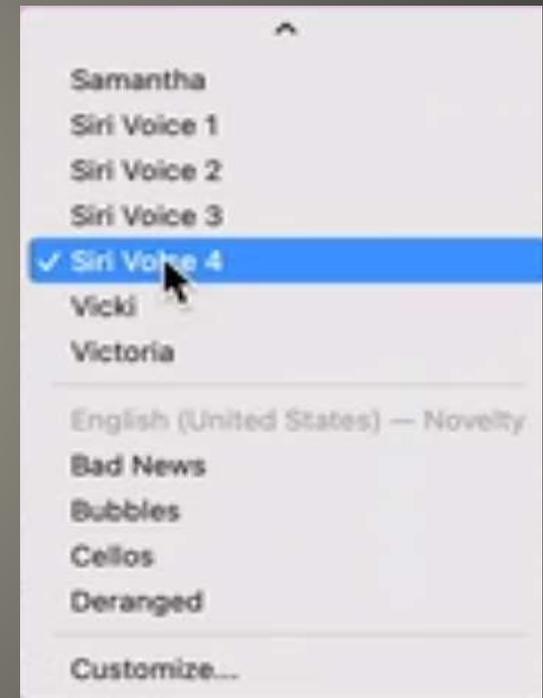
MacMost 10 fun things

- **Speak not type**

System preferences > Keyboard > Dictation
Accessibility > Voice Control

MacMost 10 Fun Things

- Make Siri say anything
Accessibility > Spoken Content



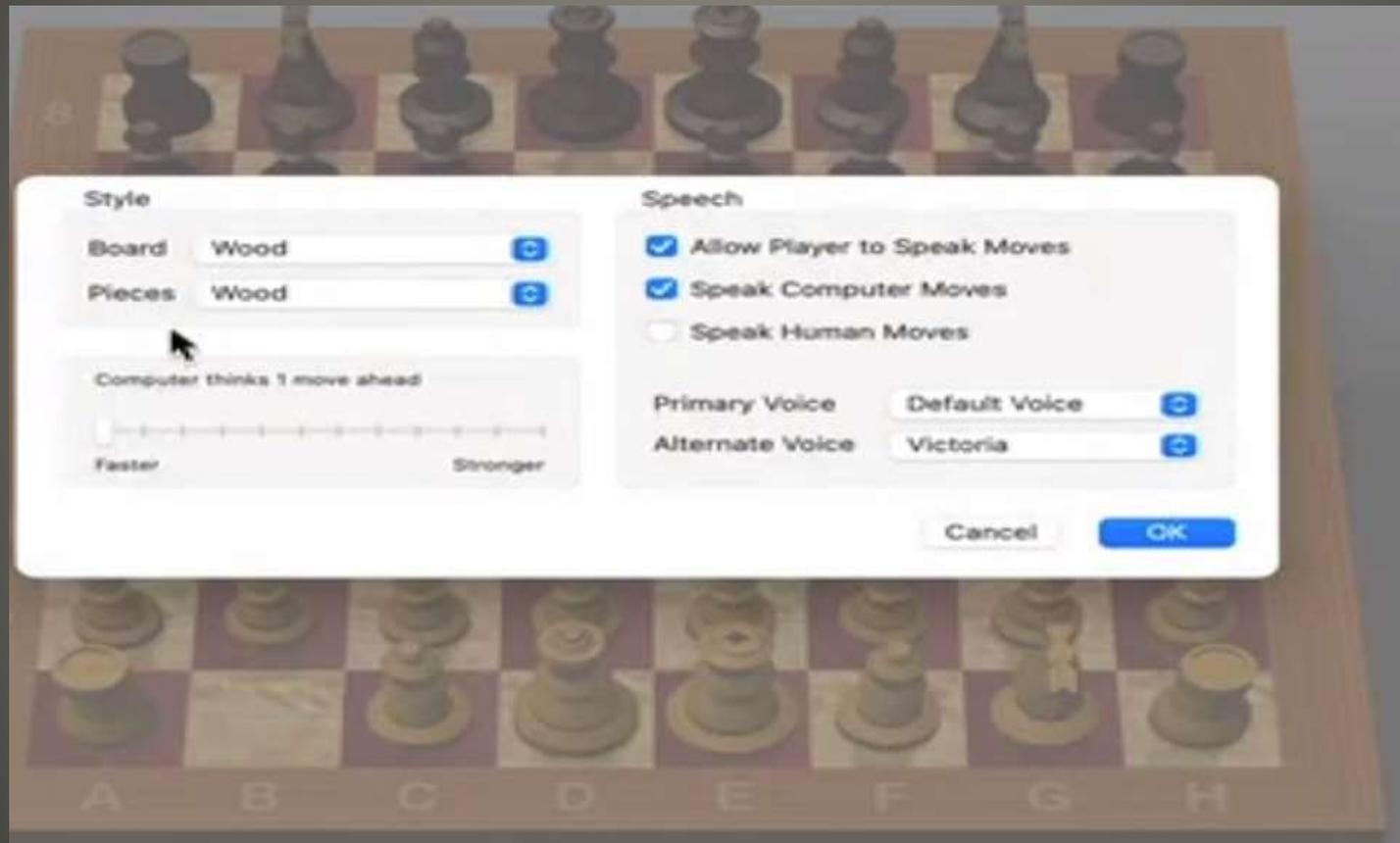
MacMost 10 Fun Things

- Play drums & keys with GarageBand



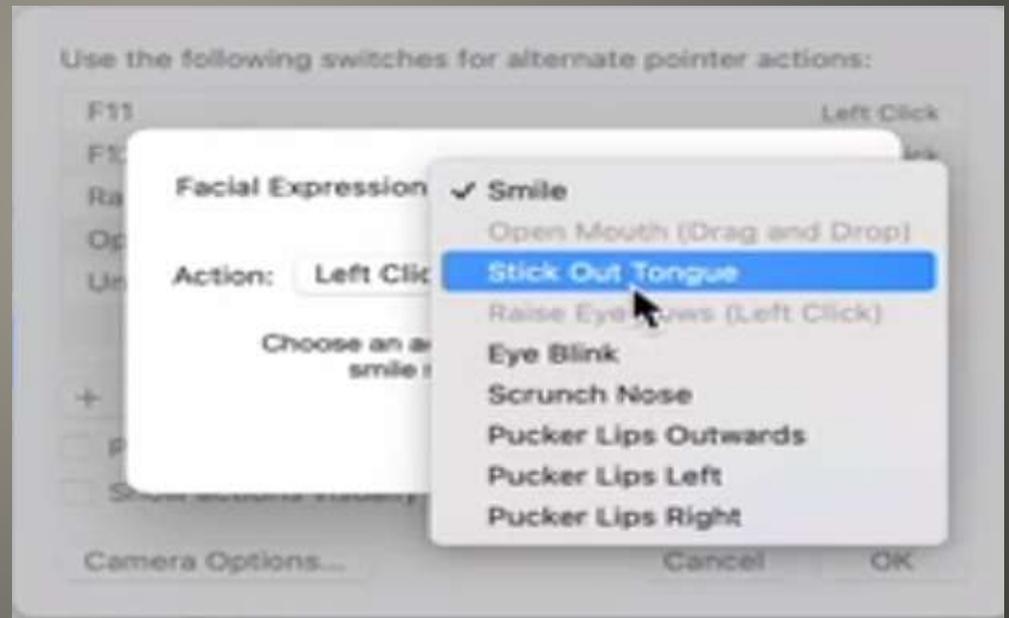
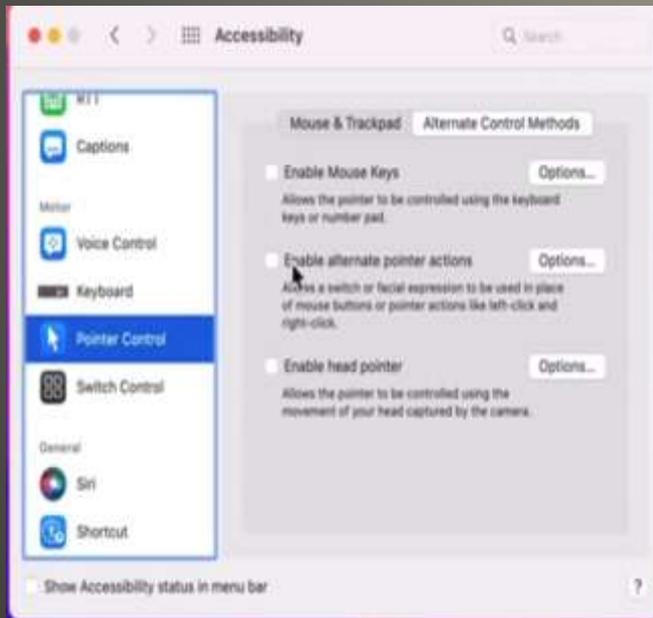
MacMost 10 Fun Things

- Chess



MacMost 10 Fun Things

- Face Control
- System Preferences > Accessibility > Pointer Control > Alternate Control Methods



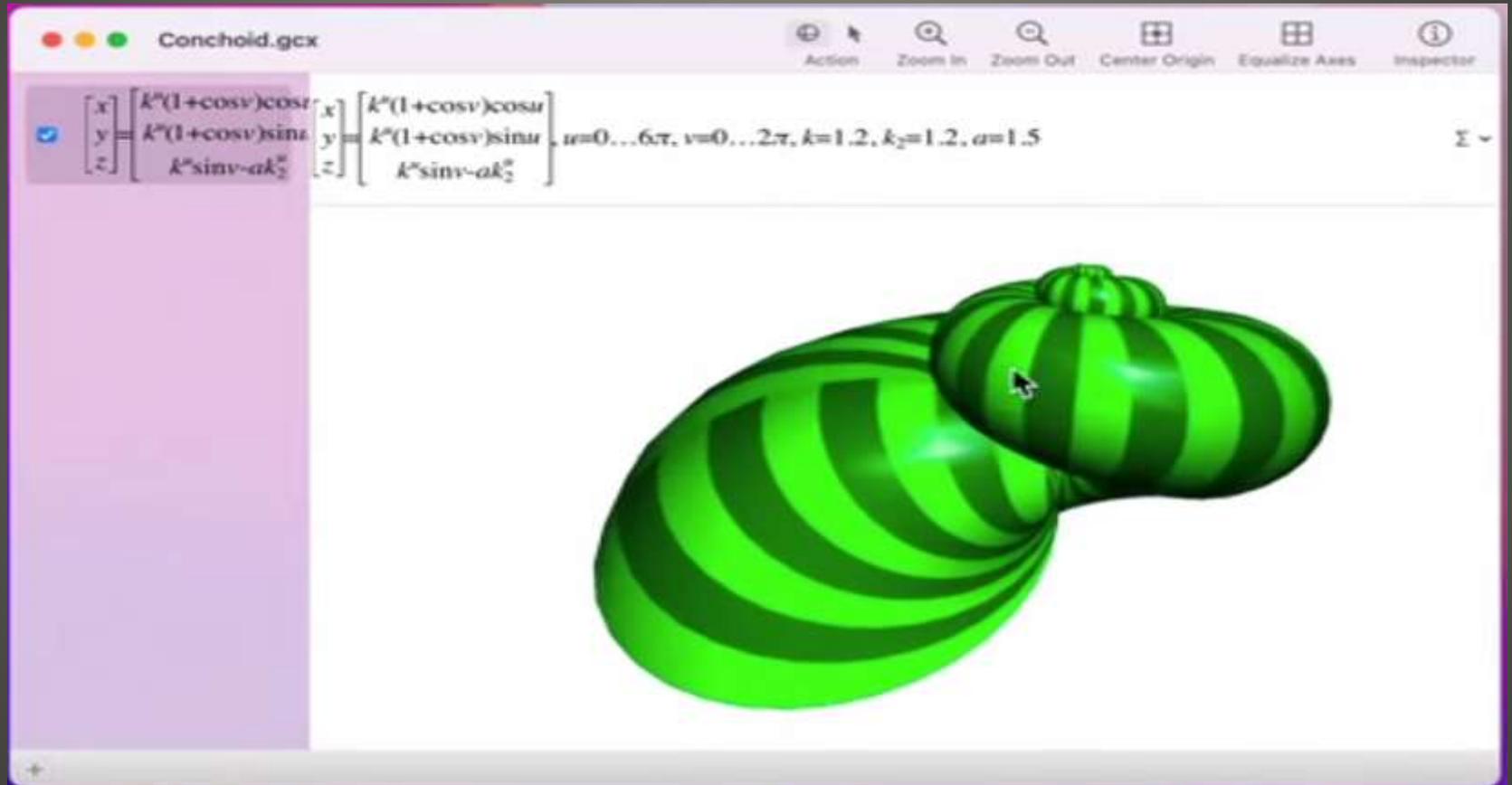
MacMost 10 Fun Things

- Emoji Art
- Expand for detail



MacMost 10 Fun Things

- 3D equations with Grapher



MacMost 10 Fun Things

- Music App listen to radio stations

MacMost 10 Fun Things

- 2 pounds heavier

Mac Studio M1 Ultra



New emojis

We just hacked a billionaire!

Got consent 1st then got to work hacking Jeffrey Katzenberg. @Evantobac & I stole his pics, emails, and contacts then turned on his mic (without an indicator light) & listened to his phone calls.

Here's the video on how we hacked a billionaire: pic.twitter.com/t63JJQcclr

— Rachel Tobac (@RachelTobac) [March 16, 2022](#)

Hack a MAC

- Bricking MACs with logic board replacements

There is a firmware bug in Mac OS 12.3 that renders the update impossible to install on any 2021 14 or 16 inch MacBook Pro that has had its logic board replaced.

Monterey 12.3 problem?

How
Safe mo
as your



Software Update

An update is available for your Mac

Update Now

• macOS Monterey 12.3

[More info...](#)

Use of this software is subject to the original license agreement that accompanied the software being updated.

Automatically keep my Mac up to date

Advanced... ?

t loads

Problem Report for macOS



Your computer was restarted because of a problem.

Click "Send to Apple" to submit the report to Apple. This information is collected anonymously.

Comments

Problem Details and System Configuration
SOCD report detected: (iBoot panic)



Hide Details

Don't Send

Send to Apple

- You try to upgrade, the upgrade will fail but recovery to handle it correctly, you'll reboot still on 12.2.1 but with a report a problem dialogue informing you of an iBoot Panic
- You'll try to upgrade again. This time, the iBoot FW will corrupt. You'll see the apple icon flash on boot 5-6 times before seeing the exclamation mark symbol telling you recovery is needed.
- You can try and revive using a second Mac with Apple Configurator 2. This will fail, because it tries to load the 12.3 firmware from the IPSW, in either DFU or Recovery mode.
- The only way to get things running again is to manually download the 12.2.1 IPSW and use Apple Configurator 2, with the Mac in DFU mode, to load the revive image. This will update the firmware of iBoot, and the recovery image to a working build. The Mac will then restore 12.2.1's OS, keeping your data upon finishing.

A recovery method?



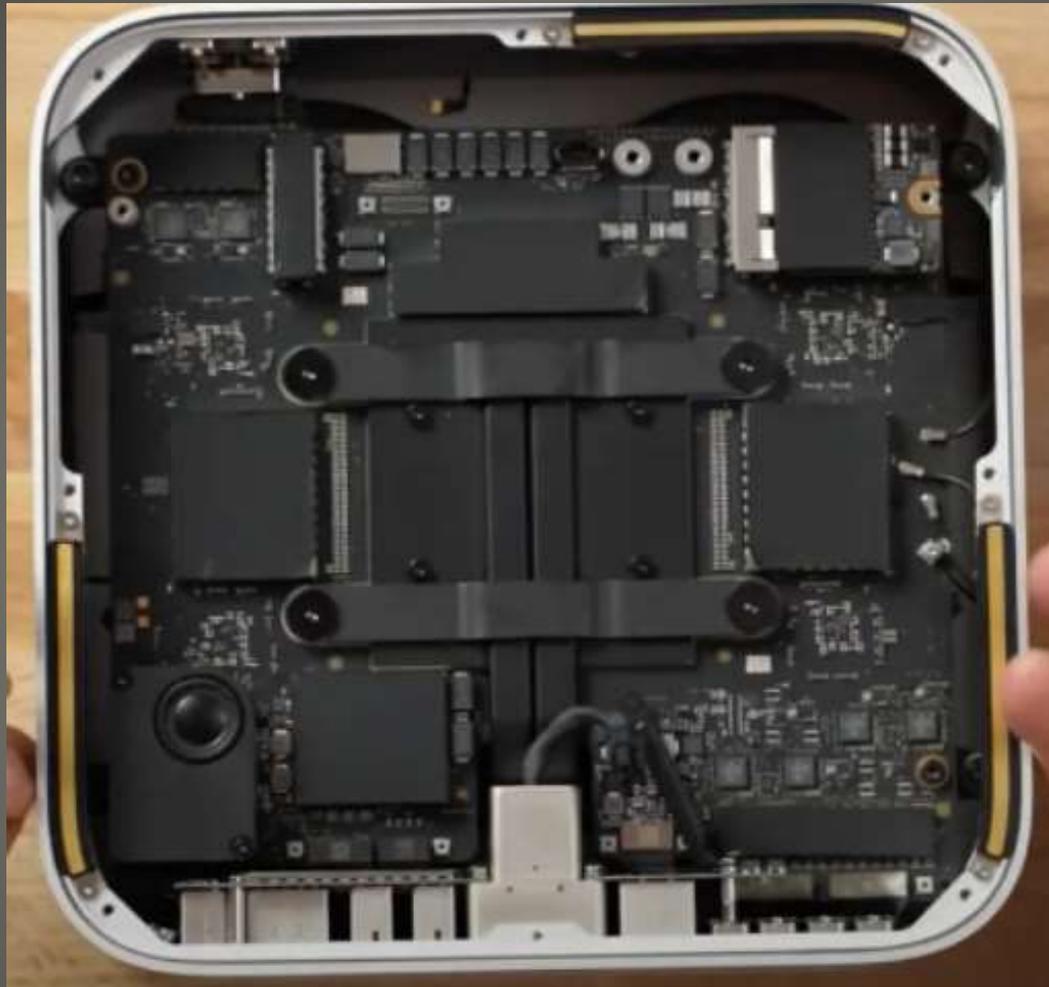
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▼ Comments

Problem Details and System Configuration

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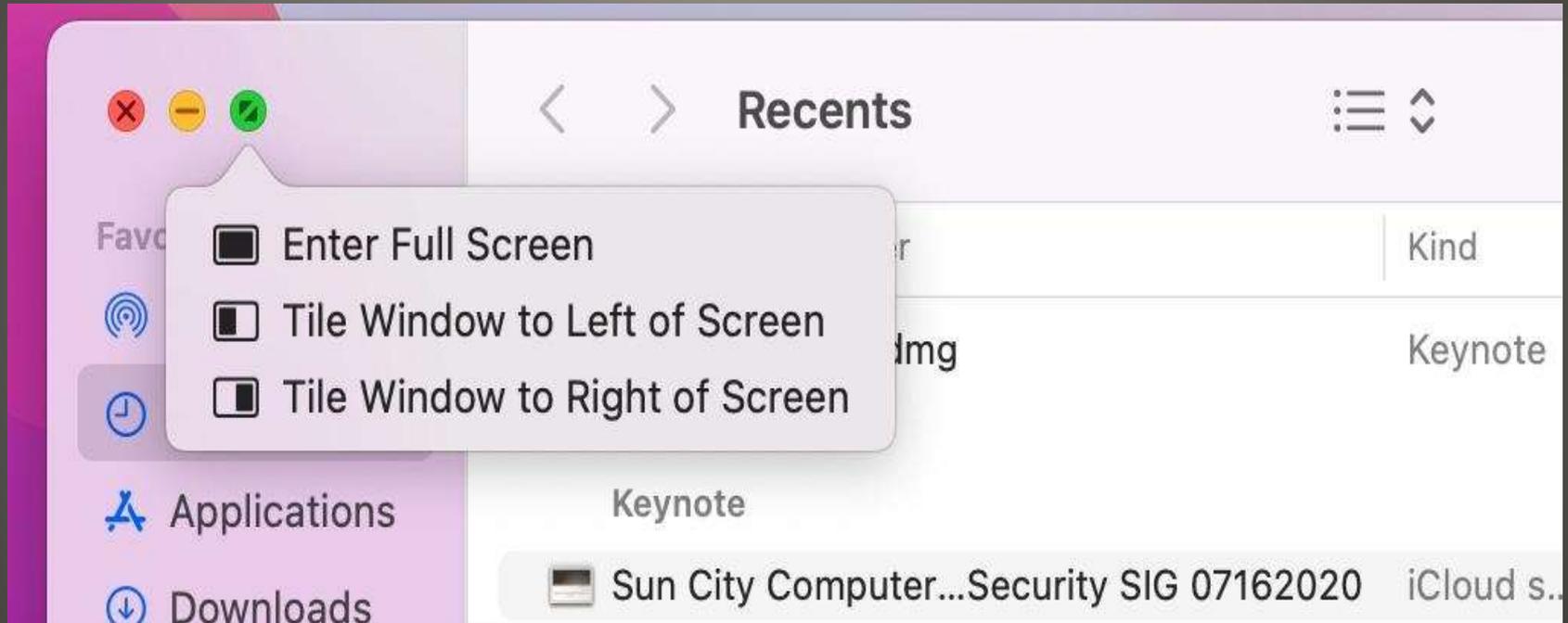
Mac Studio



Apple Studio M1 Ultra Chip



- Fill screen with two different Apps
- Hover over full-screen button



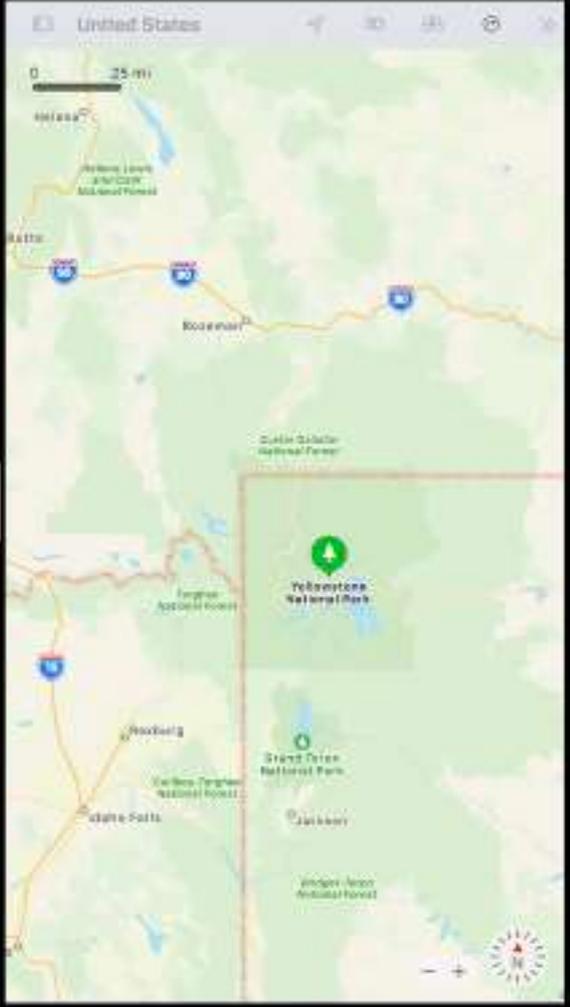
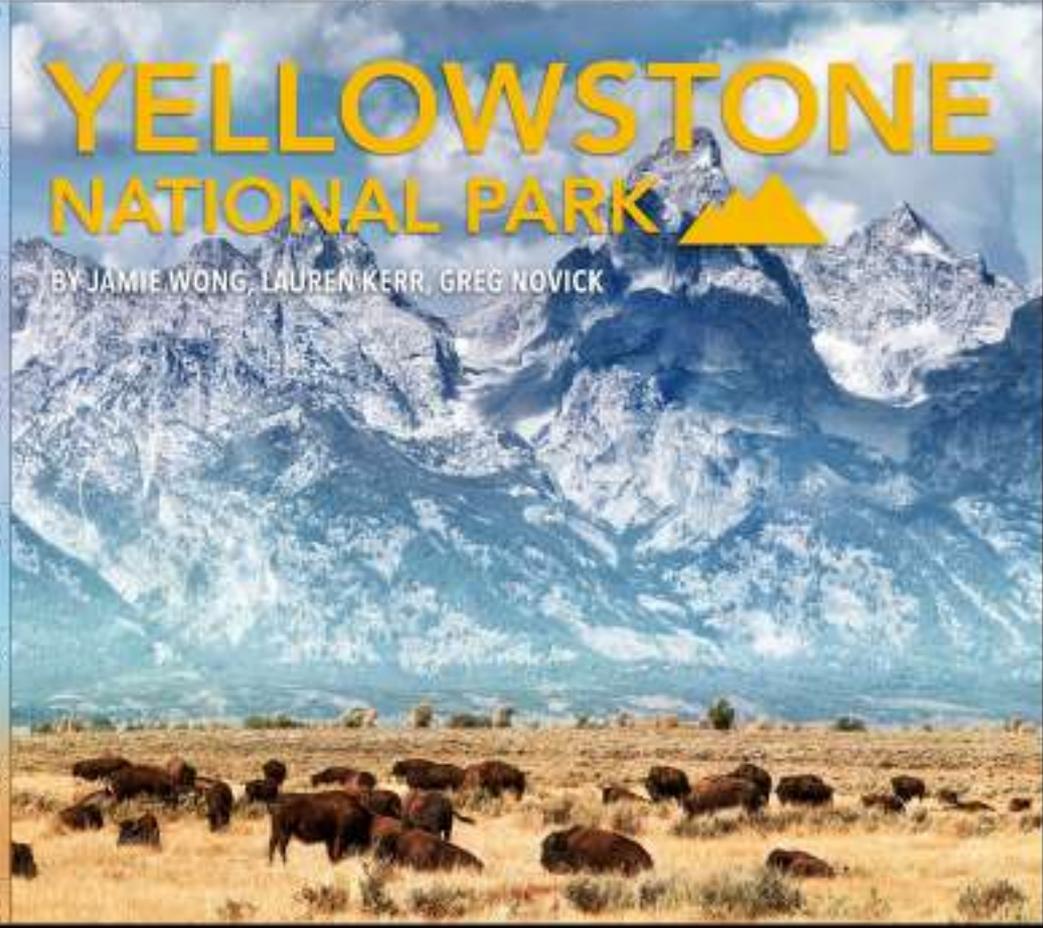
Splitting Views

100%

View Zoom Add Slide Play Rewrite Live Table Chart Text Shape Comment Format Animate Document

YELLOWSTONE NATIONAL PARK

BY JAMIE WONG, LAUREN KERR, GREG NOVICK



MacBook Air

- Click on desktop empty space
- View Use Stacks
or Control-Command-0
or Control-Click on desktop > Use Stacks



Use stacks



osxdaily.com

- Spotlight icon on menu bar
Command-Space

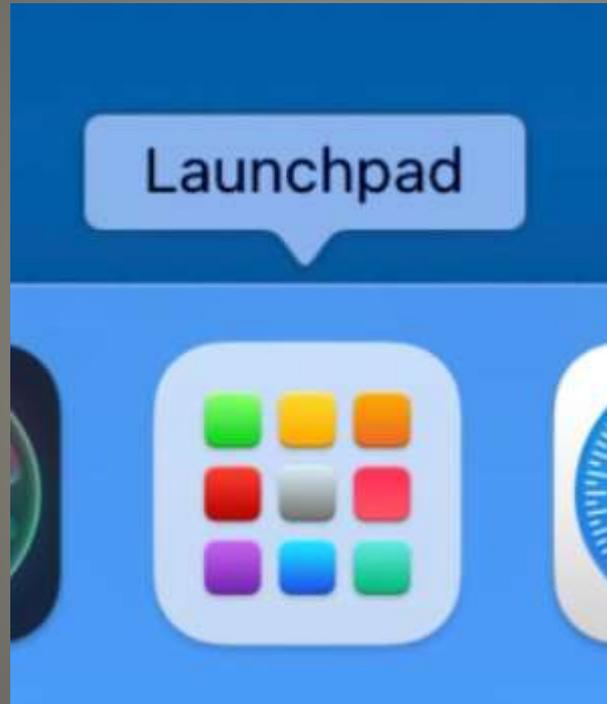


Spotlight

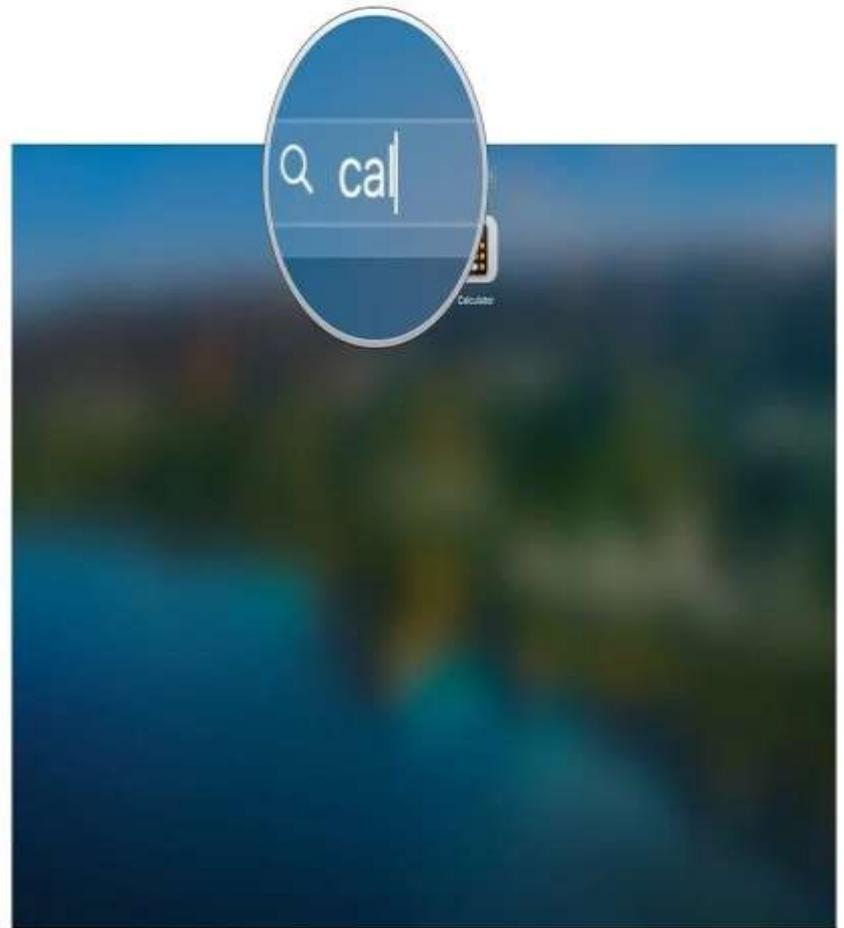
Spotlight Search



- LaunchPad



Find Apps



- Whole Screen Shift, Command, 3
Hear “click” goes to desktop
- Options Shift, Command, 5

Screenshot

- Launch Automator
- Select type of workflow
- Add Action(s)
- ...
- File -> Save

Automator

- Copy picture to desktop
- Select file or folder
- Click File Get Info
- Click on current icon
- Choose Edit then Paste

Change File Folder icon

- TAKE BACKUP COPY OF CURRENT ICON
- Open desired file/folder
- Command-I (get info)
- Highlight (click on) current icon
- Command-C (copy)
- Pick a place to archive current icon
Pages document, etc.
- Command-V (paste)

Change icon of files and folders

Video (1).mov Info 543 KB

 **Video (1).mov**
Modified: Tuesday, August 3, 2021 at 11:15 AM

Add Tags...

General:

- Kind: QuickTime movie
- Size: 542,791 bytes (545 KB on disk)
- Where: Macintosh HD ▸ Users ▸ johnjenkinson ▸ Downloads
- Created: Tuesday, August 3, 2021 at 11:15 AM
- Modified: Tuesday, August 3, 2021 at 11:15 AM

Stationery pad
 Locked

More Info:

Where from: <https://mail.yahoo.com/>
https://dl-mail.ymail.com/ws/download/mailboxes/@.id==VjN-C_UFXL_-EVMadxLWRtp952d3lmjP4E3IH0WmYRUJoQxLMvtv27zJ1oVitzH2JeOstHGQ2SvOzuBIPC52QM-g/messages/@.id==AFxralMF1u5FYQlJ0w0JSJRQSQ8/content/parts/@.id==TEXT/raw?appid=YMailNorrrin&ymreqid=2656a01d-5361-d40a-1c0d-a90317012d00&token=wOe86Rtsw0SGT1b5CaX2tAQnr-dpGMnE29aCG3TwOvaKIVfNZDCcqSRHVAxEsiP0-p5Mj3FtUGsQtz3tzBQwEFpiV55tApXTs-gvm3cLit5RaGMI_a4dULZHRa_xD1WB&error=https%3A%2F%2Fmail.yahoo.com%2F%2Fframesmsg%3Fid%3Ddownload-8742744245

Dimensions: 224 x 480
Codecs: H.264, AAC
Color profile: HD (1-1-1)
Duration: 00:08
Authors: ReplayKitRecording
Audio channels: Stereo

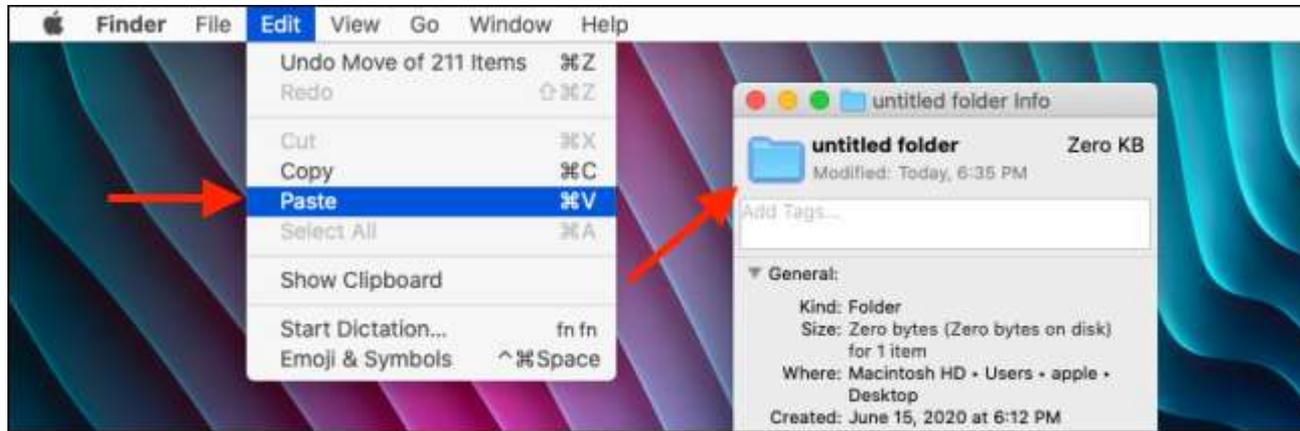
> Name & Extension:
> Comments:
> Open with:
Preview:

10:24 Delivery to 1490 Claremont Drive



- Find a replacement
Photo, Screenshot, icon library, emoji,
- Select icon (click)
- Command C (copy)
- Back to File Info
- Command V (paste)
or Edit ribbon Paste

Change Icon of file/folder



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

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

- Questions, suggestions, comments?

SCCCMUG@gmail.com