



Mac OS 14.x Sonoma

Introduction:

- + Sonoma 14.x is the latest Macintosh operating system from Apple.
- + Previous Systems:
 - + OSX 10.7 Lion
 - + OSX 10.8 Mountain Lion
 - + OS X 10.9 Mavericks
 - + OS X 10.10 Yosemite
 - + OSX 10. 11 El Capitan
 - + Mac OS 10.12 Sierra
 - + Mac OS 10.13 High Sierra
 - + Mac OS 10.14 Mojave
 - + Mac OS 10.15 Catalina
 - + Mac OS 11 Big Sur
 - + Mac OS 12 Monterey
 - + Mac OS 13 Ventura

Introduction:

- + Unlike 10.8 and before; THIS ONE IS FREE!
- + Sonoma is a major upgrade to the Mac OS; albeit not as much as some in the past. Note that the version number is now 14.

Introduction:

- + Normally one would expect to have to get new programs to run on the M1-M3 mac. This was handled by Rosetta 2 in Big Sur Monterey, and Ventura. Rosetta 2 continues this support on Sonoma.
- + Nothing definitive from Apple, would assume that Rosetta 2 would continue at least through the next version.

Requirements:

- + Models supported: (Changes from Monterey)
 - + iMac (2019 or newer)
 - + iMac Pro (2017 or newer)
 - + MacBook Pro (2018 or newer)
 - + MacBook Air (2018 or newer)
 - + Mac mini (2018 or newer)
 - + Mac Pro (2019 or newer)
 - + Mac Studio 2022+
 - + Looks like support for Macbook (non pro) dropped
- + At least 20 to 30 GB available free Hard drive space

Requirements (cont'd):

- + Ram requirements probably 8 GB.
 - + Could not find stated Apple Requirements
 - + My research found compatible machines shipped with at least 8 GB
- + Again more RAM is desirable. If you have only 8 GB of upgradeable RAM, Upgrade if you are a medium to power user!

Upgrading:

- + A common question is can you upgrade from versions before the last one OS X 13 Ventura? Yes. The earliest system that was shipped with the supported Macs was Mac OS 10.13 High Sierra.

Upgrading (cont'd):

- + Check to make sure that your software, especially third party software (non Apple) will work in Mac OS 14.x Sonoma
 - + Check Vendors websites. You have not been able to run PPC apps since OSX 10.6
- + Check your printer. May need Vendor driver, Airprint, Gutenprint, or may not be supported at all.
- + See issue with 32 Bit Apps! Next slide.

Catalina onward 64 Bit Apps only!:

- + If you were using OSX 10.13.4 High Sierra or OSX 10.14 Mojave you should have seen pop up messages saying the 32 bit app you just launched was not optimized for the Mac and needs to be updated.
- + If you were running OS 10.15 Catalina, none of your 32 Bit apps worked, so presumably you found replacement 64 bit apps.
- + There are third party apps like Go64 that list the 32 bit apps that are on your computer.

Tips:

- + Have a least one, preferably more Backups before updating!
- + Power off and remove external Hard drives before installation.
 - + Hard drives have been messed up, and external Hard drives could hang up installation process. It happened to me on OSX 10.8
- + It is a big download ~ 12.97+ GB! It will take awhile.
- + The post download installation will take some time too

Tips (cont'd):

- + Clicking on the Install button will force a restart
- + There might be more restarts:
- + You may see additional updates after you install Sonoma.

Why Upgrade?

- + To Use and enjoy the new features in MacOS 14.x! Have the “latest and greatest!”
- + However I know many have strong opinions on not upgrading
 - + “If its not broken don’t change”
 - + But the issue is the rest of the industry does change and fast
 - + Yes you still can drive a 1950’s car today, but something like a Mac Plus is more like a Roman Ox cart!
 - + TurboTax 2023 will require Mac OS 12 Monterey or later
 - + Office 2024 from Microsoft will likely require Monterey or later
 - + Password sharing requires Sonoma and IOS 17

Why Upgrade? (cont'd)

- + Security
- + Apple is only supplying current updates for the following OS's:
 - + 12.x Monterey
 - + 13.x Ventura

When to Upgrade?

- + Question is hard to answer.
- + Software can't be perfect out of the gate.
 - + If you wait till 14.1 or better 14.2 version a lot of large bugs are fixed
 - + Ideally all third party software vendors would have updates ready to go with the release date of a new Mac OS.
 - + However big vendors can run into issues of bureaucracy etc.
 - + Small vendors (1 or few persons) may have too much work to finish on time.
- + But if you have more than one Mac, select one for the upgrade, then evaluate upgrading the rest.
- + Note that we are still seeing features introduced in 14.3 that were missing in previous versions.

What's New? - Introduction

+ New:

- + Widgets on desktop
- + New Look Login and Lock Screens/Hide open Windows
- + Game Mode
- + High Performance Screen Sharing
- + No Journal App (yet?)

+ Changed

- + Safari
- + Password Sharing
- + Reminder App
- + Facetime
- + Photos
- + Weather
- + Music App
- + Home

New Features- Widgets

- + Apple had a thing called dashboard in 2005 that allowed widgets. It went away
- + Widgets returned in a limited way in the Notifications center in 2020. Widgets in the notification center live on.
- + The issue is that you had to go to dashboard, or today click on the time/date to launch notifications center to see them
- + In Sonoma you can now place them on your desktop, notification center or both.
- + You can choose native mac widgets or even those on your iPhone. iPhone must be on IOS 17, same Apple ID and nearby

New Features-Widgets (cont'd)

- + If the widget app is only on the iPhone the widget asks you to “Open [App] on your iPhone to continue.
- + Demo
- + <https://support.apple.com/en-us/108996>

New Features- New Look login/lock screens, Hide Open Windows

+ Login and Lock screens have a new look



New Features- New Look login/lock screens, Hide Open Windows (cont')

- + You can turn off clock in System Settings Lock screen if you wish.
- + Per Apple: "Stunning new screen savers New slow-motion screen savers of breathtaking locations from around the world look beautiful on your large Mac display. When you log in, they seamlessly become your desktop wallpaper."
 - + Purgeable Screensavers save hard drive space.
- + New "Click On Wallpaper to reveal desktop" feature is on by default. Go to System Settings > Desktop and Dock to change
 - + Demo

New Features- Game Mode/High Performance Screen Sharing

- + Game Mode: Only for Apple silicon Macs (M1-M3). Automatically deprioritizes background tasks for smoother gameplay.
- + High Performance Screen sharing. Requires Sonoma on both machines, Apple Silicon Macs (M1-M3), and that your Network be high Performance. Per Apple: "For a single 4K display, the recommended bandwidth is 75 megabits per second."

New Features- Not the Journal App (yet)

- + Apple introduced the new Journal App on iPhones. It lets you write about everyday events and can include Photo, Videos, audio recordings, and locations.
- + It seems to only be out on the iPhones running IOS 17.2. As of this writing it is not available for the iPad OS nor the Mac OS.

Some Application Changes:

+ Safari 17

- + Has Profiles. Supports multiple user profiles
- + Each profile has its own unique browsing history, cookies, bookmarks, extensions, and Tab Groups
- + Useful for separating Home, Work, etc
- + Safari 17 also adds Webapps. A individual Web page can be added to the dock. Will run in its own window without address bar. Demo

Some Application Changes (cont'd)

- + Password Sharing:
 - + Password sharing is separate vaults for a set of passwords. You can share these with others that have a compatible device on your iCloud account
 - + Can then be shared with those who are in your contacts
 - + Requires all devices to be on IOS 17 or Sonoma
- + Reminders app adds grocery list. Sorts items automatically into groups
- + Facetime:
 - + Adds presenter overlay
 - + Video effects. Requires Silicon mac, or Intel mac with either a Studio display or a iPhone used as a Continuity camera.

Some Application Changes (cont'd)

+ Photos:

- + Adds Sync Now button to force iCloud syncing

+ Weather App:

- + Adds more info; Moon Phases, Wind gusts, temp and precipitation averages.

- + Music App: Favorites expanded in Music to include songs, albums, and playlists, and you can filter to display your favorites in the library (14.1 introduced) Collaborative playlists (14.3 introduced)

Some Application Changes (cont'd)

- + Home:

- + Has new Energy Tab, that will use data from your local Utility provider to tell you when that utility is providing cleaner power
- + Advisory at this level of development, can't yet use in automations.

Final Comments

- + Looks to close to being a Major Update. New apps. The most comprehensive review I've found is from Arstechnica.
- + <https://arstechnica.com/gadgets/2023/09/macOS-14-Sonoma-the-ars-technica-review/>
- + <https://support.apple.com/en-us/109035> list of Sonoma release history

Appendix:

- + Ventura Mac OS 13 Requirements:

- + Models Supported

- + iMac (Late 2017 or newer)
- + iMac Pro (2017 or newer)
- + MacBook (2017 or newer)
- + MacBook Pro (2017 or newer)
- + MacBook Air (2018 or newer)
- + Mac mini (2018 or newer)
- + Mac Pro (2019 or newer)
- + Mac Studio 2022