How to install macOS Ventura on unsupported mac hardware

In this post, I am going to show you how to install Ventura on unsupported mac hardware running Monterey.

I have MacBook Pro 2013 model. I will be using this mac to install Ventura. Before you start make sure to perform full backup of macOS. There is no going back after we install Ventura. I am not going to do a backup because, I do not have any important files.


Following will be the steps:

1. Download OpenCore Legacy Patcher - https://github.com/dortania/OpenCore-Legacy-Patcher/releases -
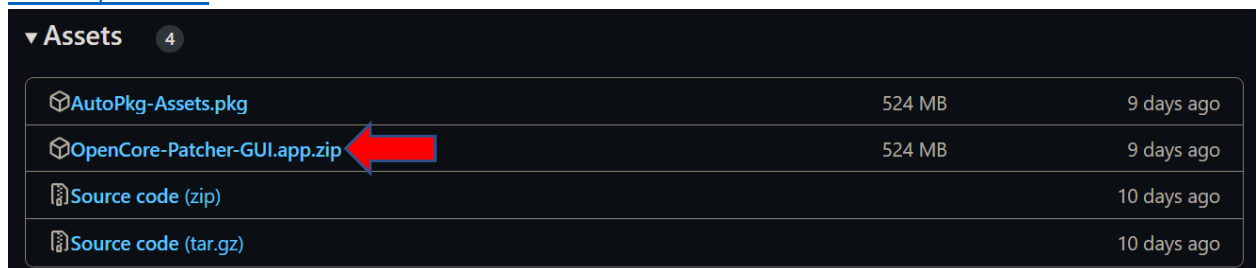
2. Open the patch file
3. Follow the steps
4. Plug in USB stick – 16GB
5. Perform the install
6. Reboot and install available patches

https://dortania.github.io/OpenCore-Legacy-Patcher/INSTALLER.html#creating-the-installer

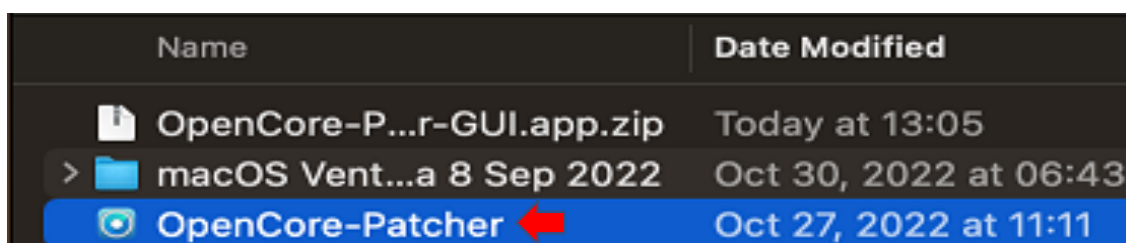This OpenCore legacy patch support these models.
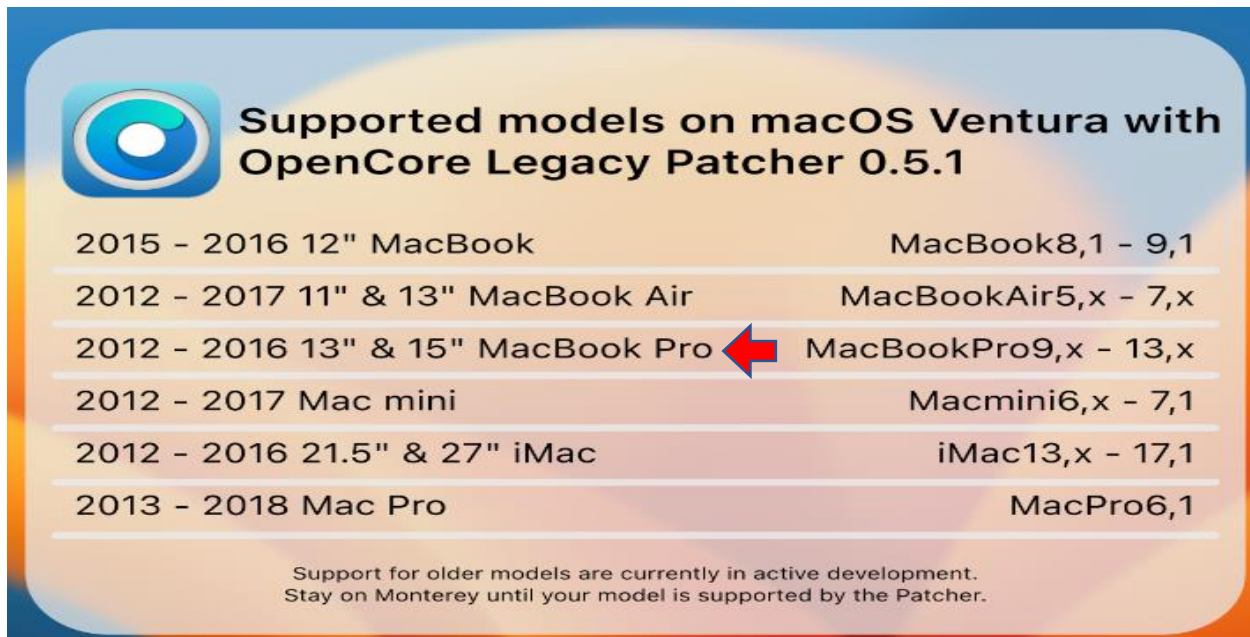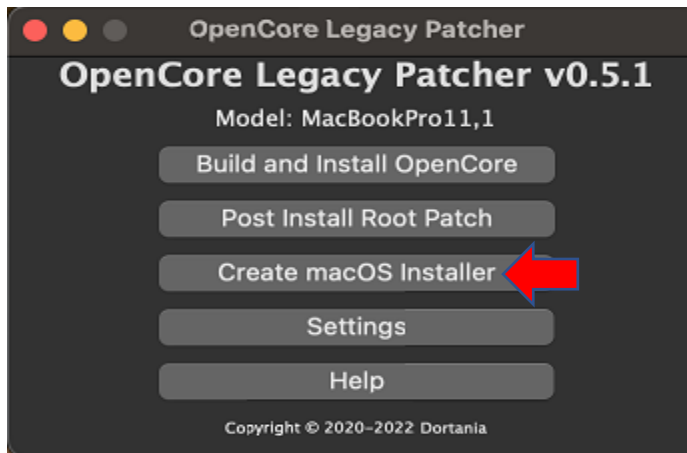

Double Click OpenCore-Patcher-GUI.app.zip
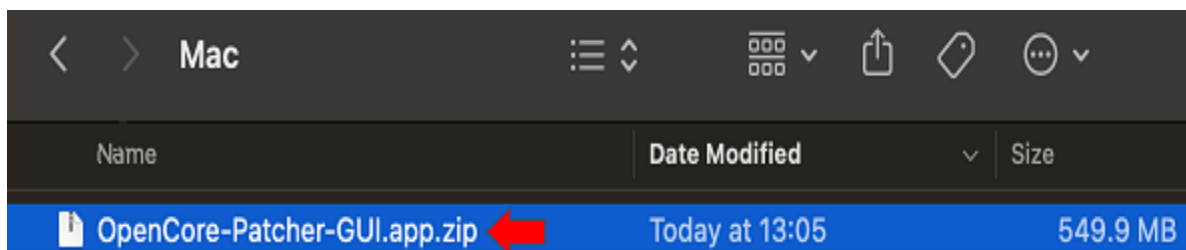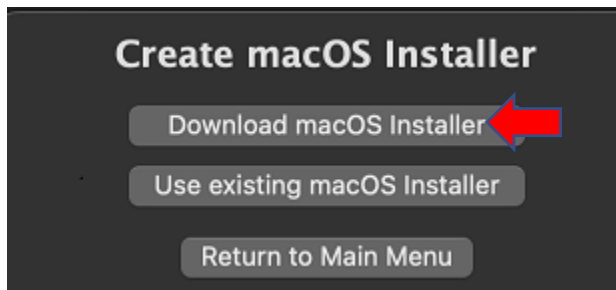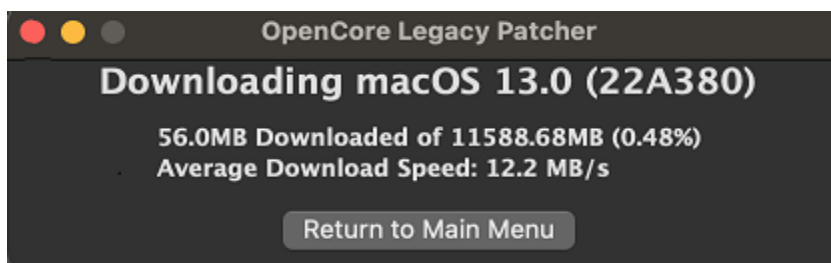

Wait for the archive to expand

Click OpenCore-Patcher

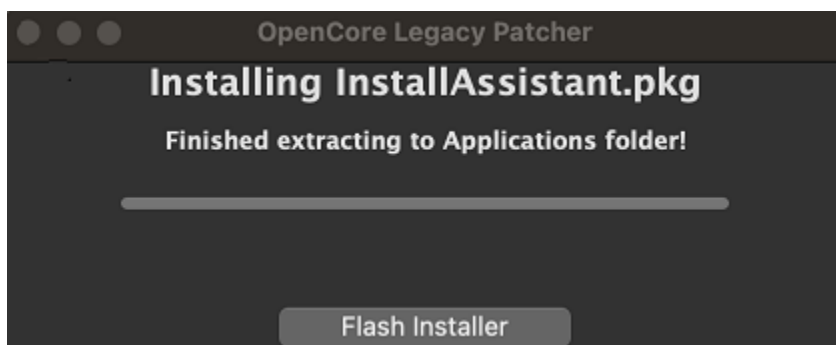Create macOS Installer
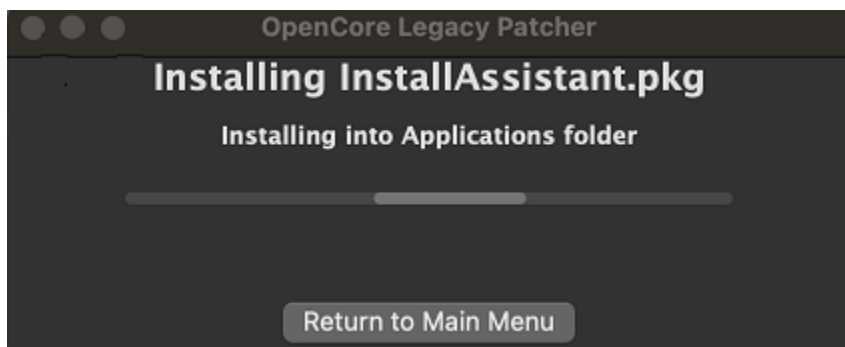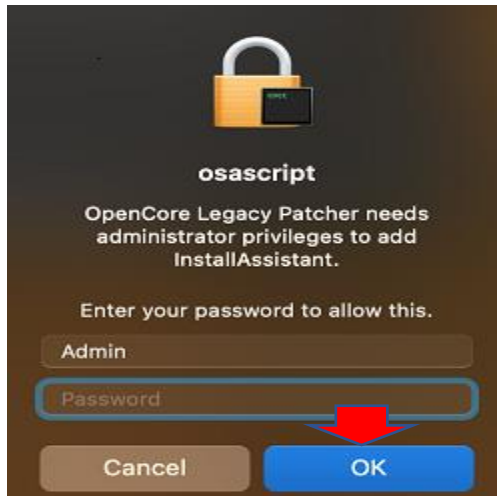

Download macOS Installer

Select macOS 13.0
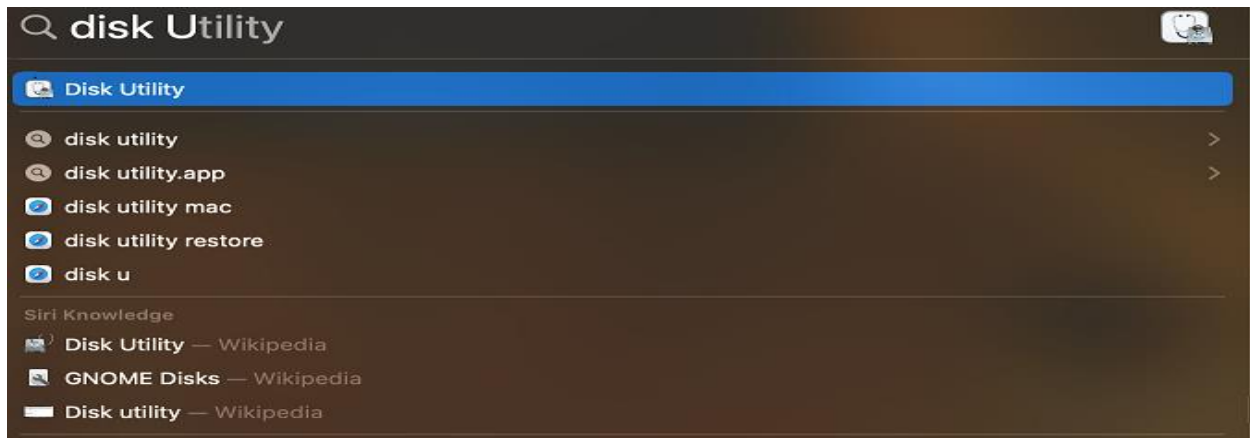

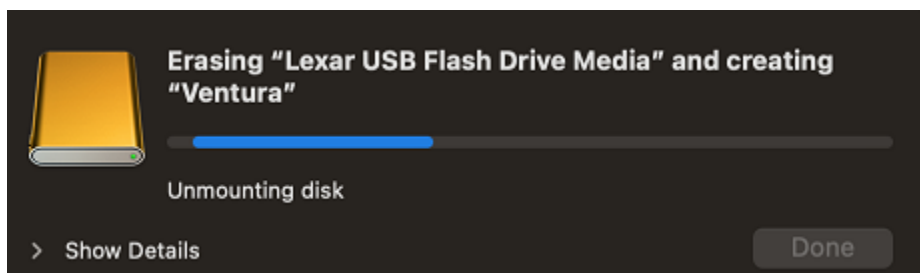Wait for the download to complete. It can take about 30-45 minutes to download.
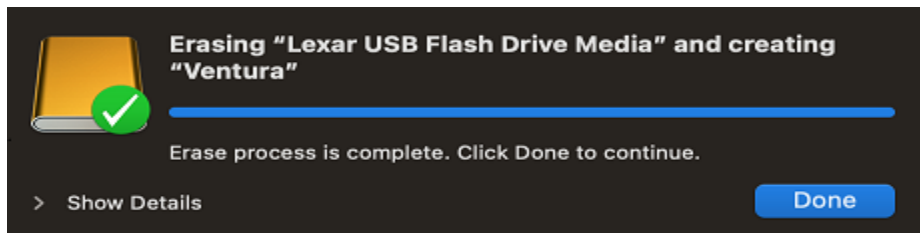
Allow access to OpenCore

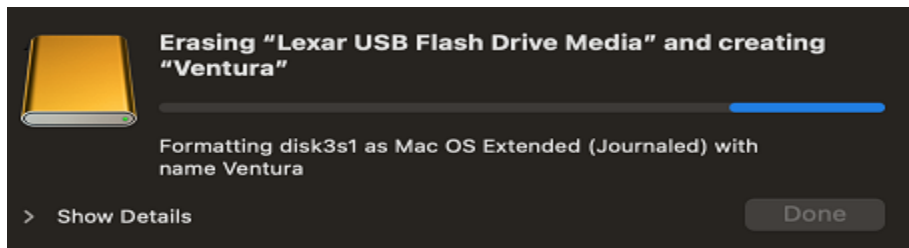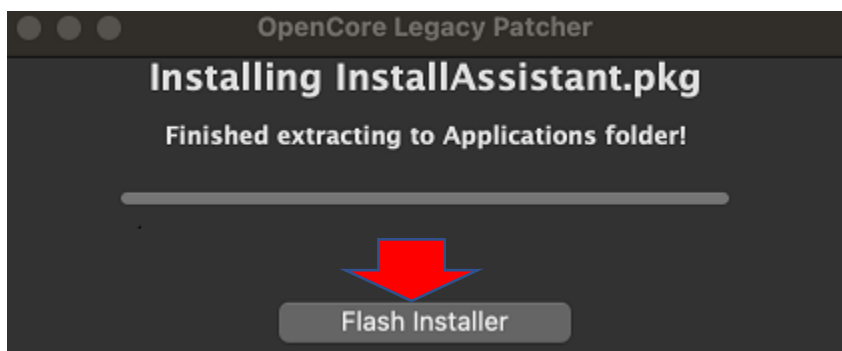Plug in USB stick 16GB – Click Search button and type Disk Utility
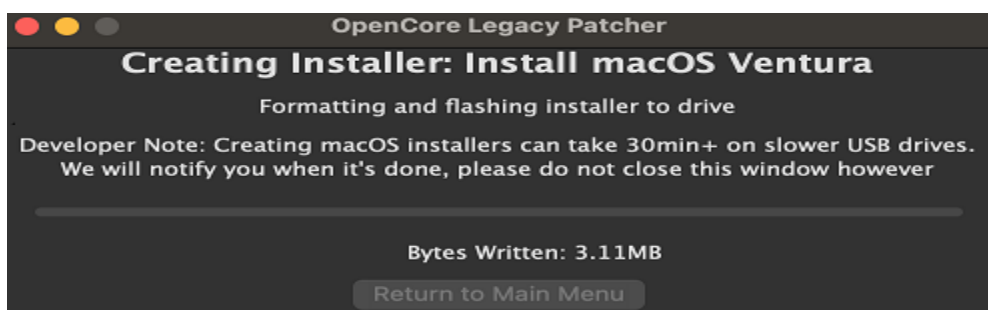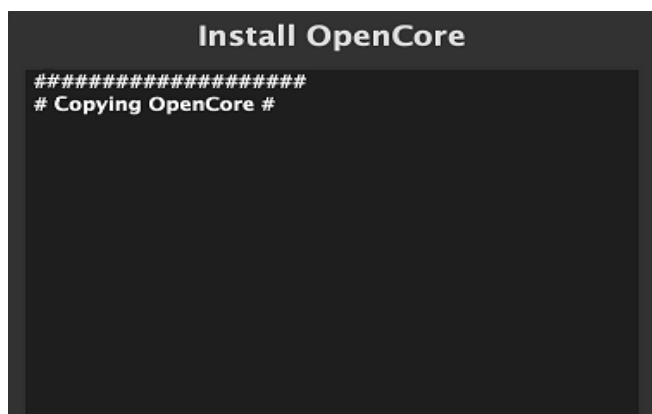

Select USB stick and click Erase

Click Flash Installer

The installer will create macOS installer Ventura on USB stick which will be used to boot later

Successfully created the macOS installer!

Would you like to continue and Install OpenCore to this disk?

➡ **Install OpenCore to disk**

Skip

Finished building your OpenCore configuration!

Would you like to install OpenCore now?

View build log   ➡ **Install to disk**

OpenCore Legacy Patcher

Install OpenCore

Select Disk to install OpenCore onto

Loading disks shortly...

OpenCore Legacy Patcher

Install OpenCore

Select Disk to install OpenCore onto

Missing disks? Ensure they're FAT32 or formatted as GUID/GPT

Note: Blue represent the disk OpenCore is currently booted from

disk0 – APPLE SSD SM0512F – 500.3 GB

➡ disk3 – USB Flash Drive – 16.0 GB

Search for Disks Again

Return to Main Menu

osascript

OpenCore Legacy Patcher needs administrator privileges to mount your EFI.

Enter your password to allow this.

Admin

Password

Cancel   OK

Install OpenCore

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####################
# Copying OpenCore #
```

Now power on the mac and hold Option button. Select EFI Boot – the USB stick

Wait for it to load. You will see this screen. Select Disk Utility

Select mac HD – Erase and exit Disk Utility. Select macOS Ventura – click Continue

Select mac Hard Disk

The system will reboot 3-4 times and will take about 30-45 minutes for the process to complete.

Follow below screen and complete final setup

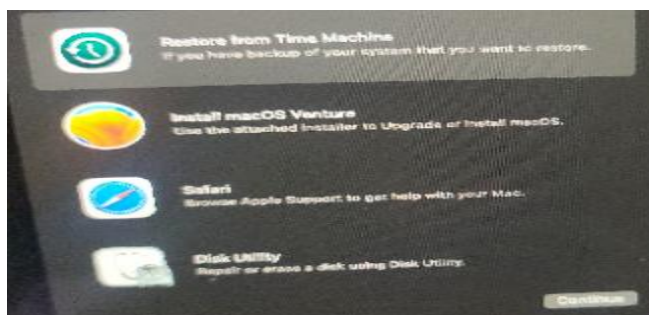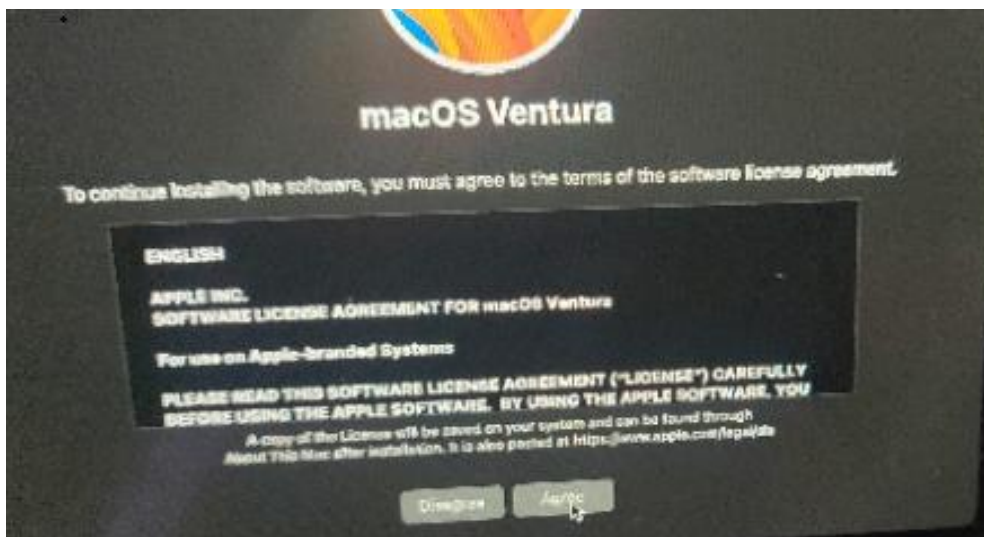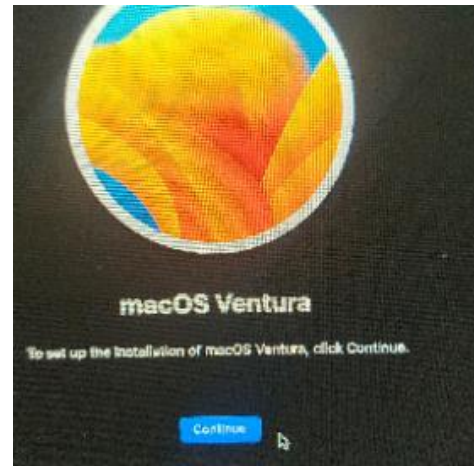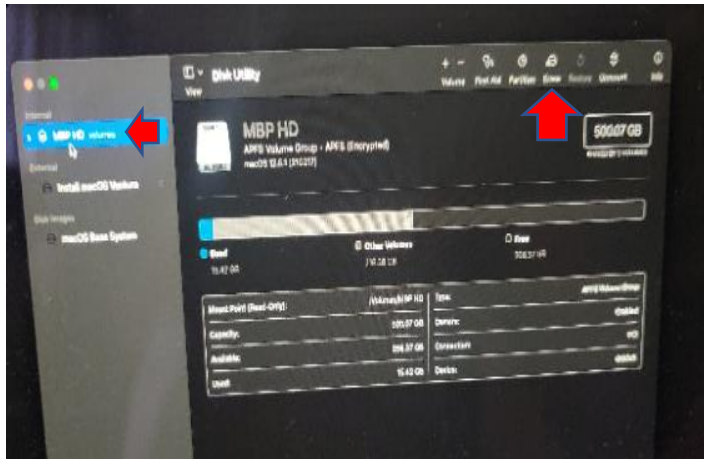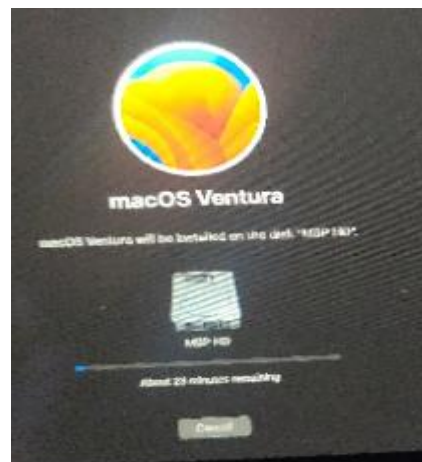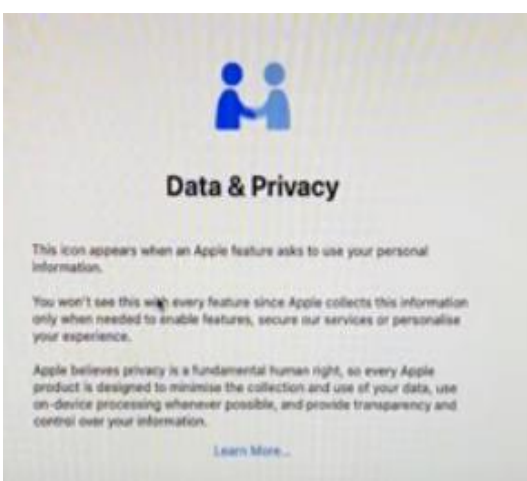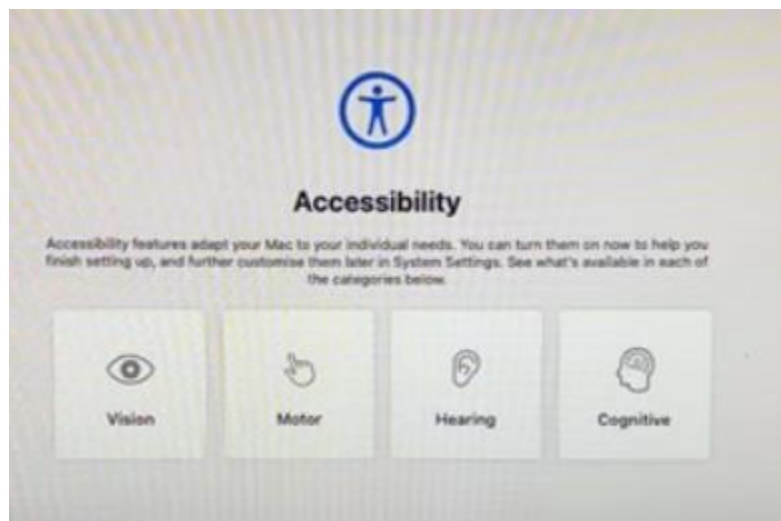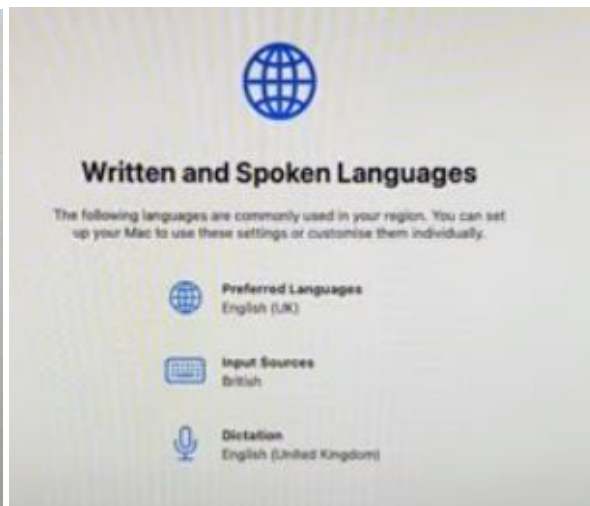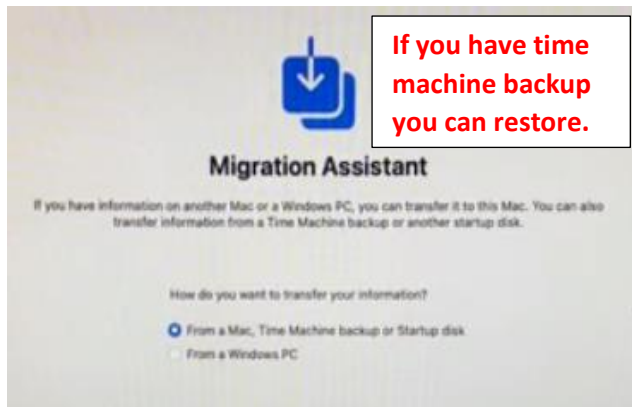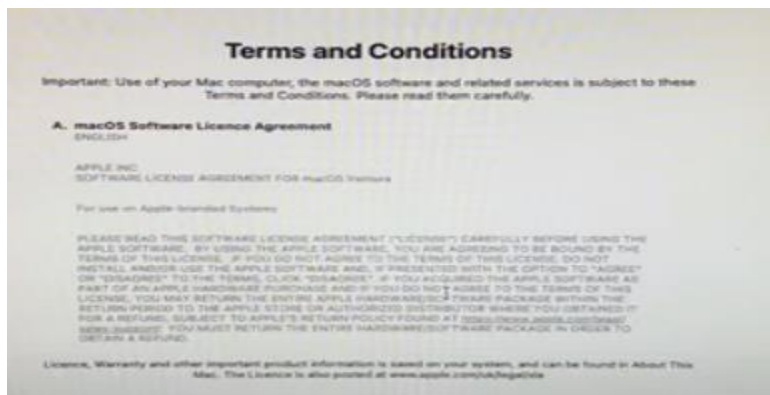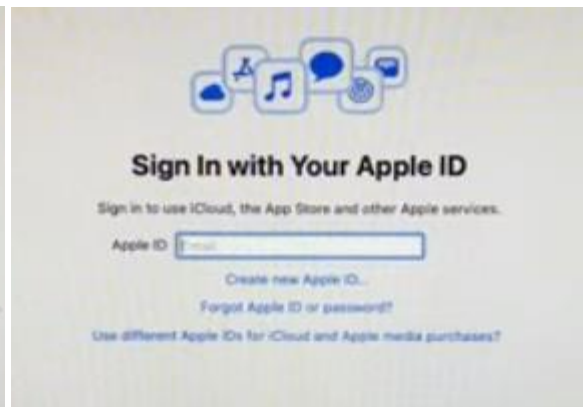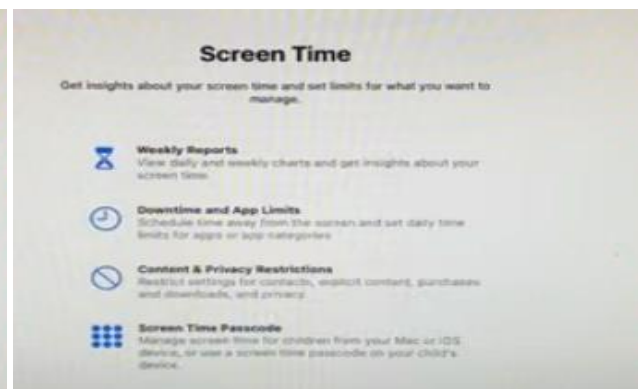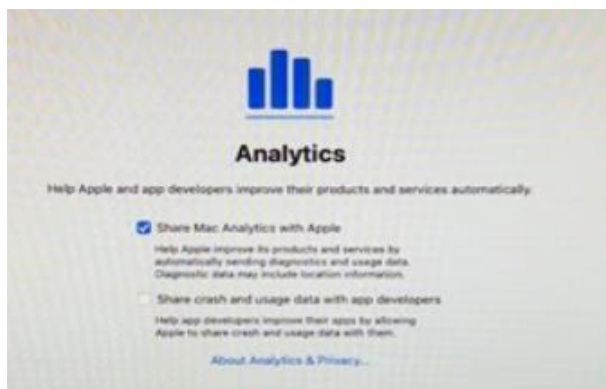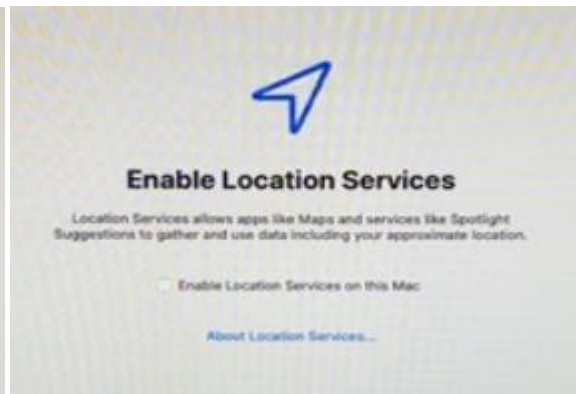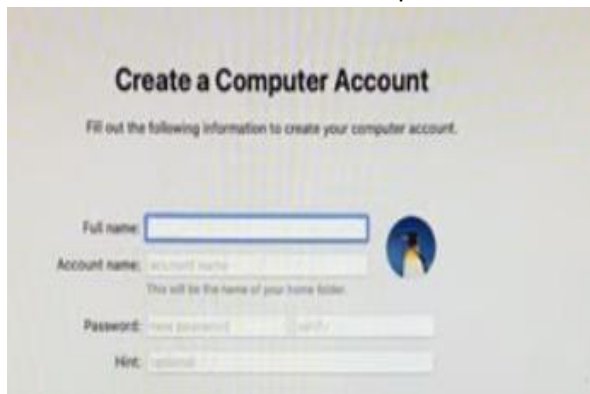**Migration Assistant**

If you have information on another Mac or a Windows PC, you can transfer it to this Mac. You can also transfer information from a Time Machine backup or another startup disk.

How do you want to transfer your information?

○ From a Mac, Time Machine backup or Startup disk
○ From a Windows PC

If you have time machine backup you can restore.

Sign In with Your Apple ID

Sign in to use iCloud, the App Store and other Apple services.

Apple ID: [Email]

Create new Apple ID...

Forgot Apple ID or password?

Use different Apple IDs for iCloud and Apple media purchases?

Terms and Conditions

Important: Use of your Mac computer, the macOS software and related services is subject to these Terms and Conditions. Please read them carefully.

A. macOS Software Licence Agreement
ENGLISH

APPLE INC.
SOFTWARE LICENSE AGREEMENT FOR macOS Ventura

For use on Apple-branded Systems

Crete Admin account and create password for admin account

Create a Computer Account

Fill out the following information to create your computer account.

Full name: [   ]
Account name: [account name]
This will be the name of your home folder.
Password: [new password] [verify]
Hint: [optional]

Enable Location Services

Location Services allows apps like Maps and services like Spotlight Suggestions to gather and use data including your approximate location.

☐ Enable Location Services on this Mac

About Location Services...

Analytics

Help Apple and app developers improve their products and services automatically.

☑ Share Mac Analytics with Apple
Help Apple improve its products and services by automatically sending diagnostics and usage data. Diagnostic data may include location information.

☐ Share crash and usage data with app developers
Help app developers improve their apps by allowing Apple to share crash and usage data with them.

About Analytics & Privacy...

Screen Time

Get insights about your screen time and set limits for what you want to manage.

Weekly Reports
View daily and weekly charts and get insights about your screen time.

Downtime and App Limits
Schedule time away from the screen and set daily time limits for apps or app categories.

Content & Privacy Restrictions
Restrict settings for contacts, explicit content, purchases and downloads, and privacy.

Screen Time Passcode
Manage screen time for children from your Mac or iOS device, or use a screen time passcode on your child's device.
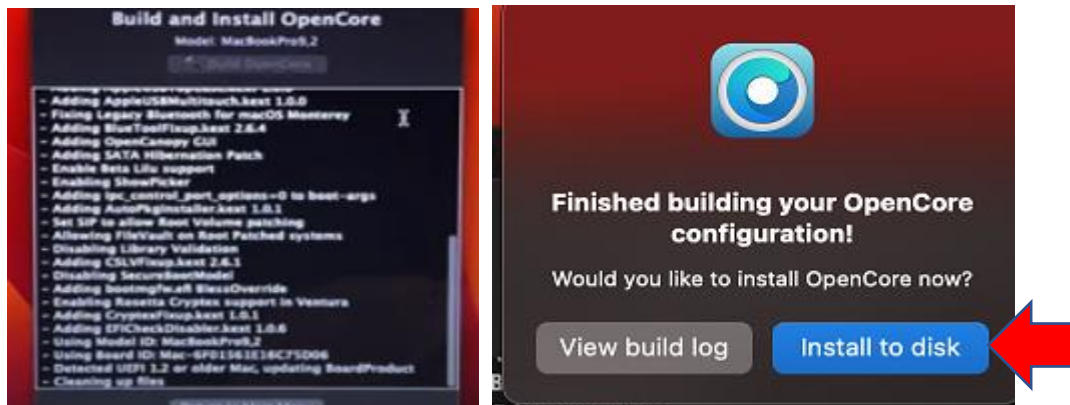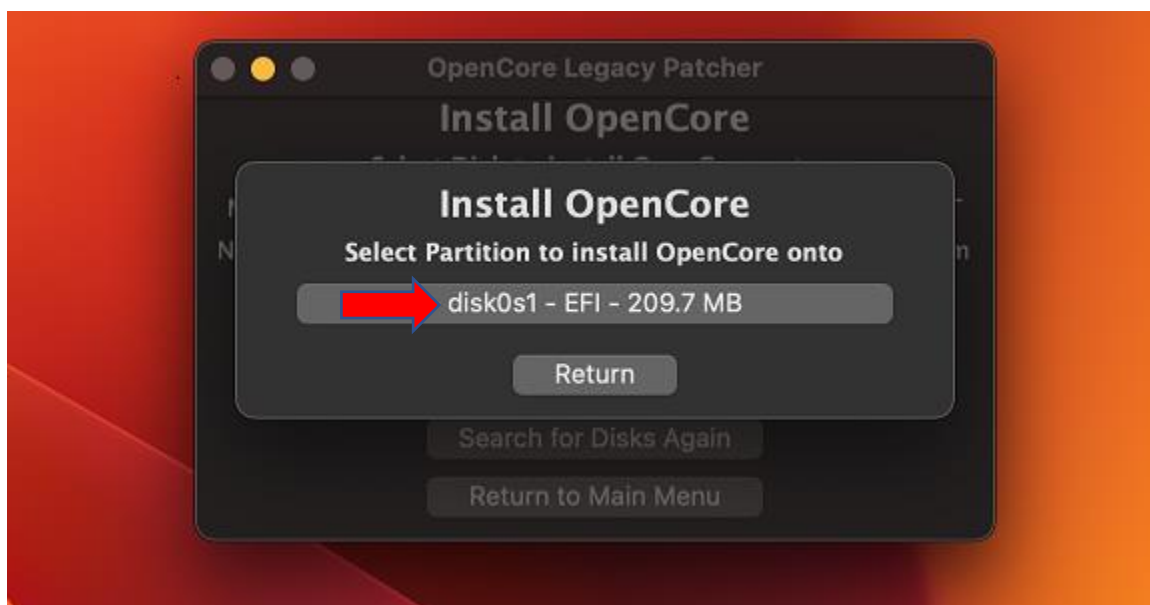
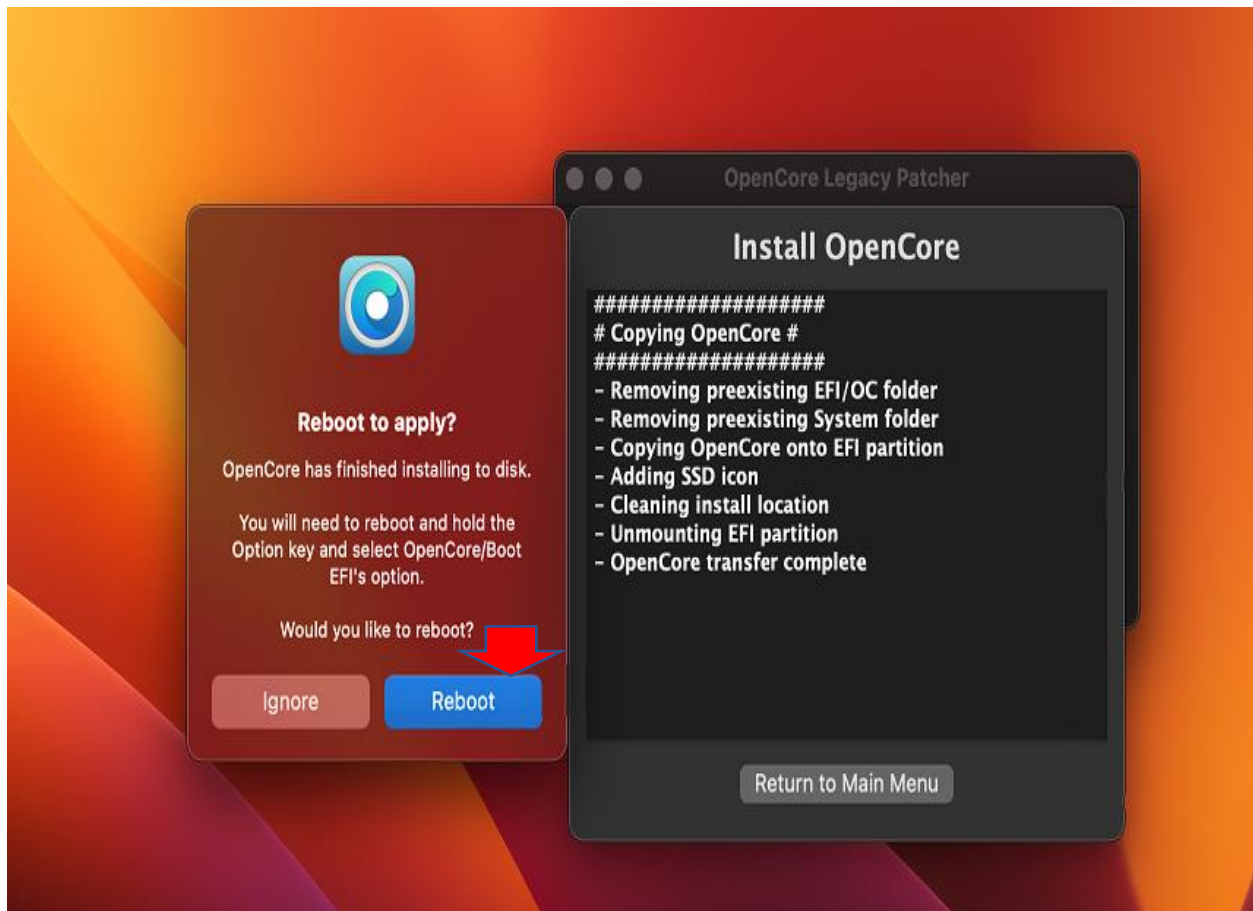Now login with Admin account. After that wait for few seconds for a pop up window to show up like this

Now we are going to select mac HD. We want mac HD as the primary boot for macOS Ventura

Before you click reboot – make sure to Eject "Install macOS Ventura USB stick"
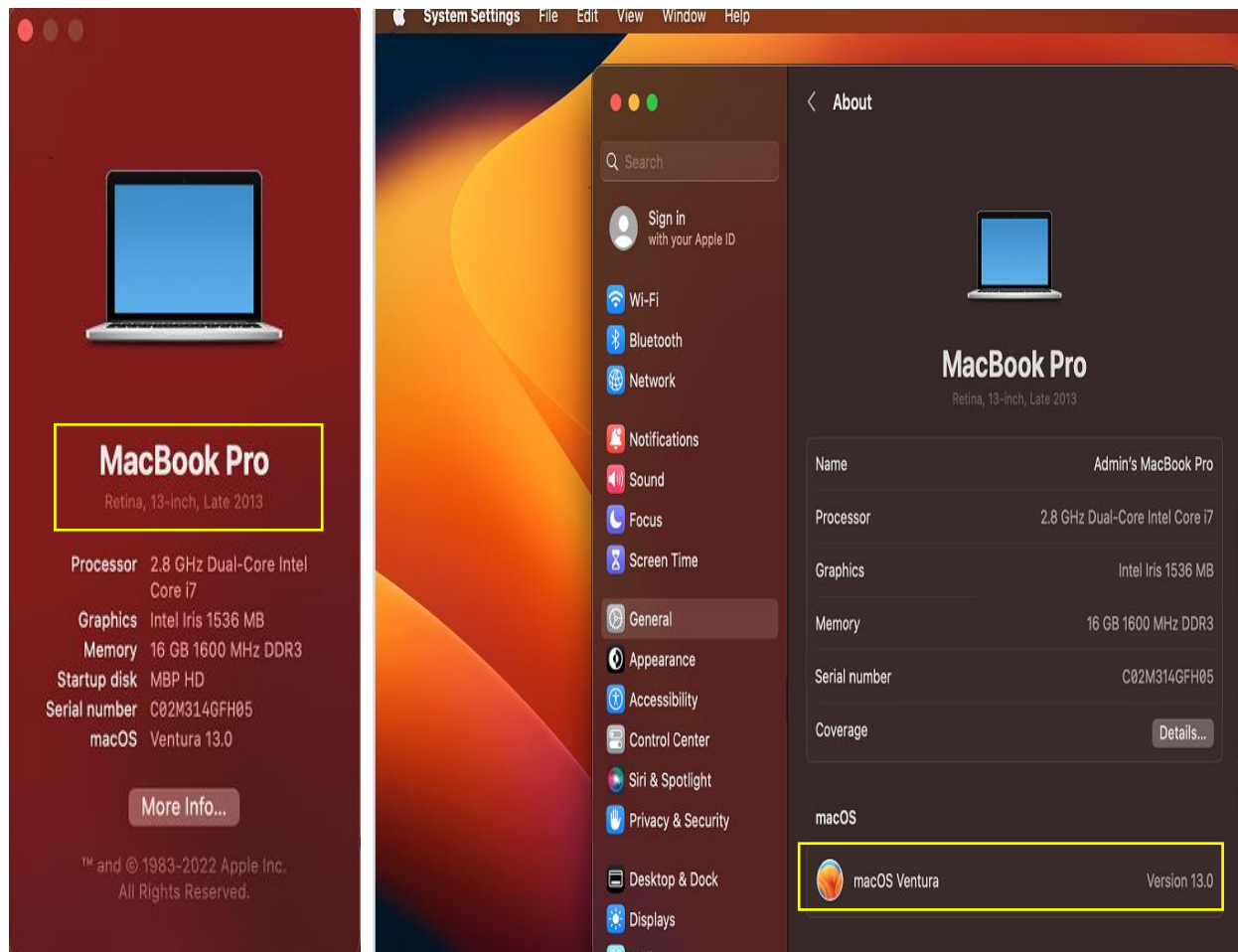

The system will reboot and will load from mac Hard disk. Now login and enjoy the new OS.

Check out all the new features and other good stuff with the new macOS Ventura

This concludes how to install macOS Ventura on an unsupported mac hardware.

Thanks

Ram
5th Nov 2022