

SUPPORT NOTICE

**Transferring Time Machine
Backups with Big Sur**




History

V1	12/02/21	First release
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Purpose of this Document

This support notice is applicable for the new Mac minis (2018) that are received in Marport offices are under Catalina macOS, with VMware FUSION 12 PRO license.

It explains how to install Big Sur macOS, then transfer an existing configuration to the computers from a Time Machine backup.

 **Note:** To learn how to create Time Machine backups, read **Creating Time Machine Backups** support notice, available on Marport website.

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Allowing Startup from an External Disk

The Mac mini 2018 has the Apple T2 Security Chip that disallows booting from an external disk. You need to allow the booting to be able to install Big Sur macOS.

To get started, you need the following items:

- Screen, connected with an HDMI cable
- Keyboard and mouse

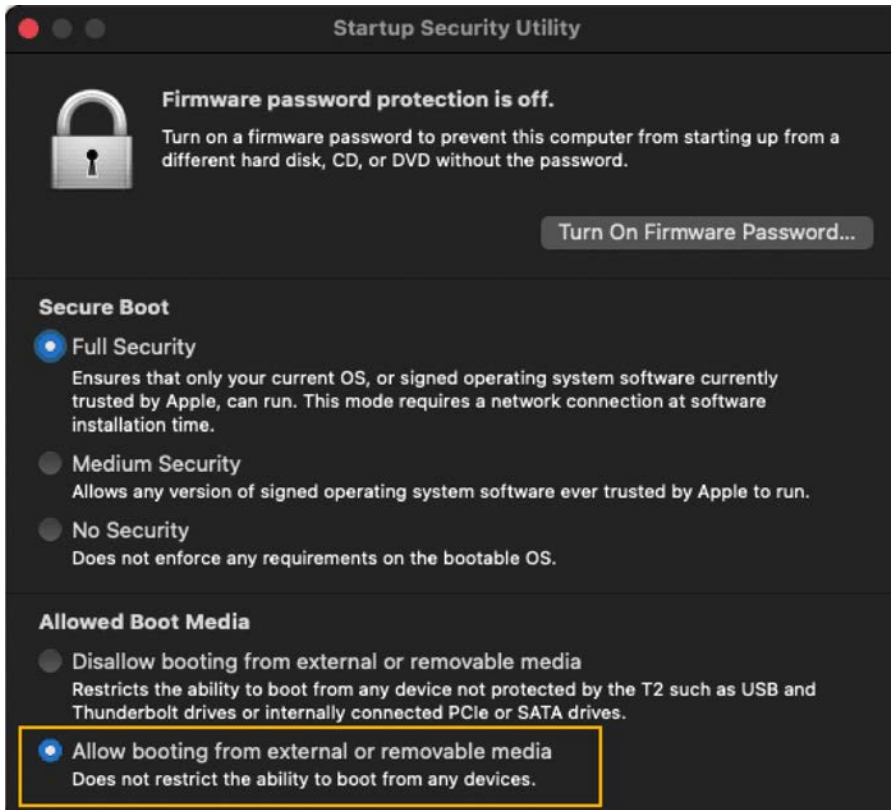
1. Press  on the computer, then immediately press and hold command + R. Release when the apple logo appears in the screen.

 **Trouble:** If you correctly did these steps but do not see the apple logo, make sure the screen is connected via HDMI.

2. The screen displays **macOS Utilities** window. Click **Utilities > Startup Security Utility** from the menu bar at the top of the screen.

3. If an account has already been set up on the computer, select **marport** user and enter the password.

4. In **Startup Security Utility**, change the **Allowed Boot Media** setting to **Allow booting from external or removable media**.




5. Close the window, then click **Apple Menu**  **> Shut Down**.

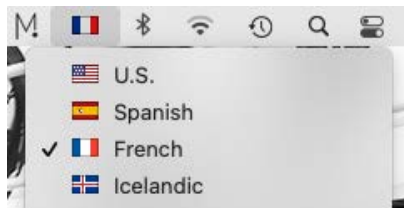
Installing Big Sur macOS

Use a USB key with a bootable installer to install Big Sur macOS on the computer.

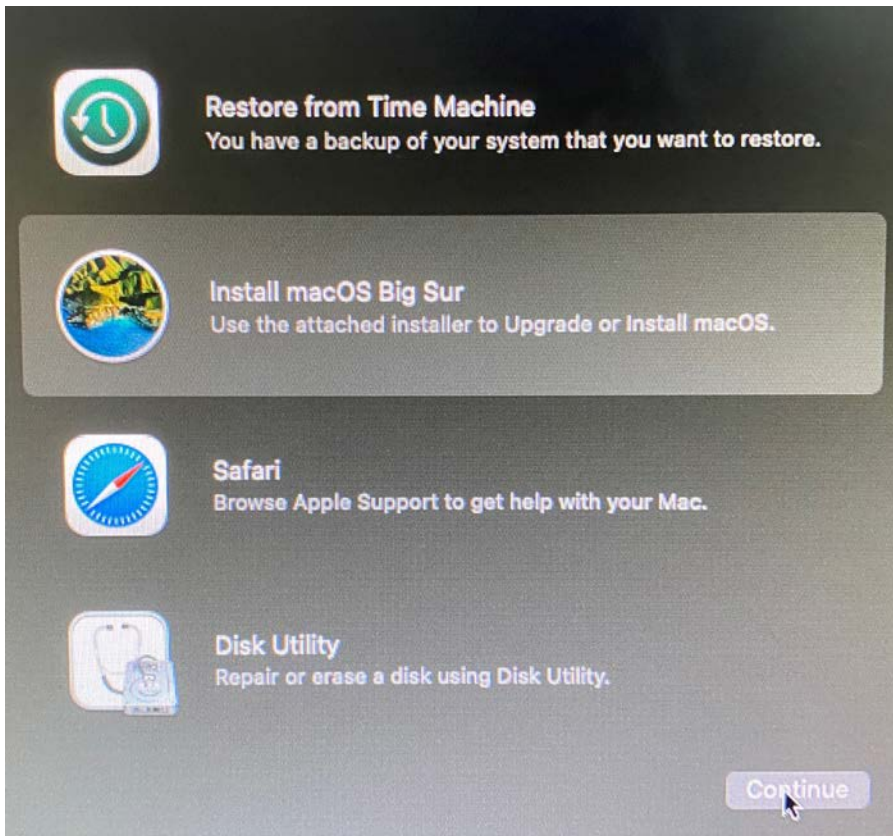
! **Important:** Make sure the computer can connect to a WiFi network.

1. Connect the USB key to the computer, then press  while holding Option key.
2. Release the Option key when the screen displays the two volumes **Macintosh HD** and **Install macOS Big Sur**.
3. If possible, enter the WiFi credentials now, then select **Install macOS Big Sur**.
The computer restarts.
4. If you did not connect to a WiFi network: from the menu bar at the top of the screen, activate the WiFi and select a network.

i **Tip:** Keyboard preferences can be changed from the menu bar.




5. Select **Install macOS Big Sur** and click **Continue**.



6. Follow the instructions, then choose to install Big Sur on **Macintosh HD** disk.



7. Wait for the installation to be completed (approximately 30 minutes). The computer will restart automatically at the end of the installation.


 **Note:** The computer may restart several times.


Transferring Big Sur Backup

Transfer existing contents from the Time Machine backup to the computer.

You need the following items:

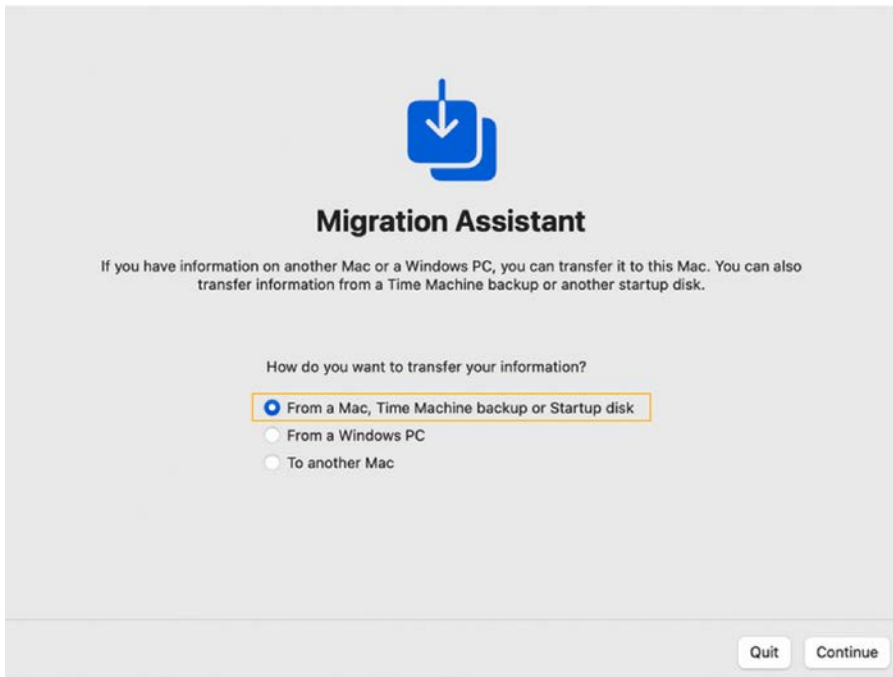
- You need to have installed Big Sur macOS and restarted the computer.
- External hard disk with the Time Machine backup
- USB-C cable (strongly recommended) or USB cable

 **Important:** The computer needs to be connected to a WiFi network to correctly receive the backup.

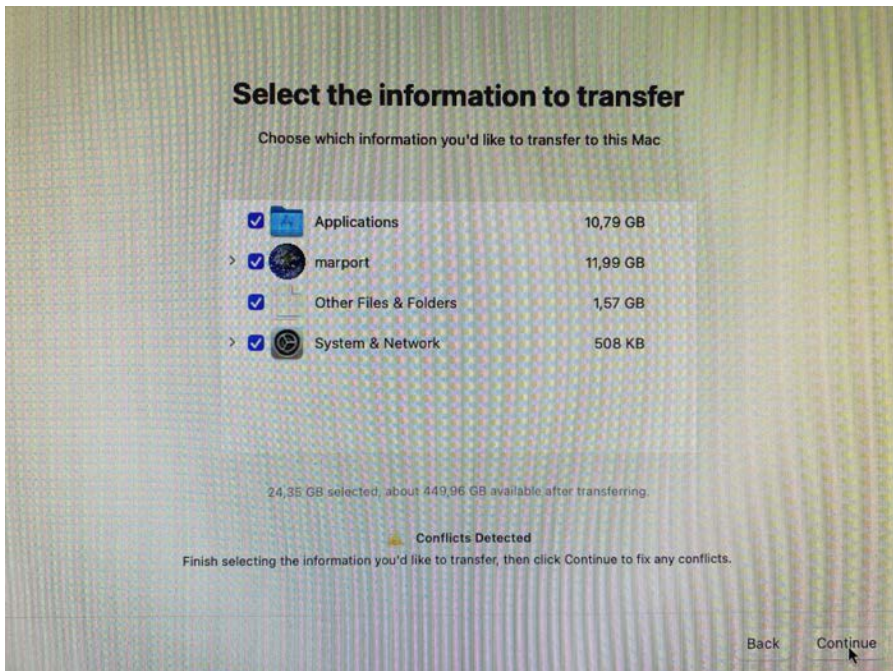
 **Tip:** Keyboard preferences can be changed from the menu bar.

1. Connect the external hard disk to the computer with an USB-C cable.
2. If you had already completed the computer setup and created a user account before installing the new macOS:
 - a. If necessary, enter the login credentials.
 - b. Press Command + Space Bar to open Spotlight search tool and enter **Migration Assistant**.
3. If not, complete the computer setup and make sure to connect to a WiFi network. The **Migration Assistant** appears at the end of the setup.

4. To transfer the information, select **From a Mac, Time Machine backup or Startup disk**.



5. Select **Mac Mini 2018 Big Sur**, then follow the instructions.
6. Select the information to transfer: make sure all the items are selected.




 **Note:** The window might display **Conflicts Detected**: you can ignore it.

7. Select **marport** account, then create a password.

If you had already completed a computer setup, you might see a message asking if you want to replace the existing user or keep both. Choose to delete the existing user account and to keep the data.

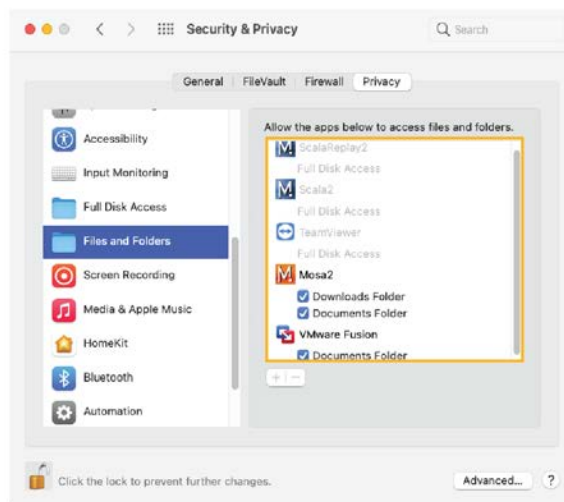
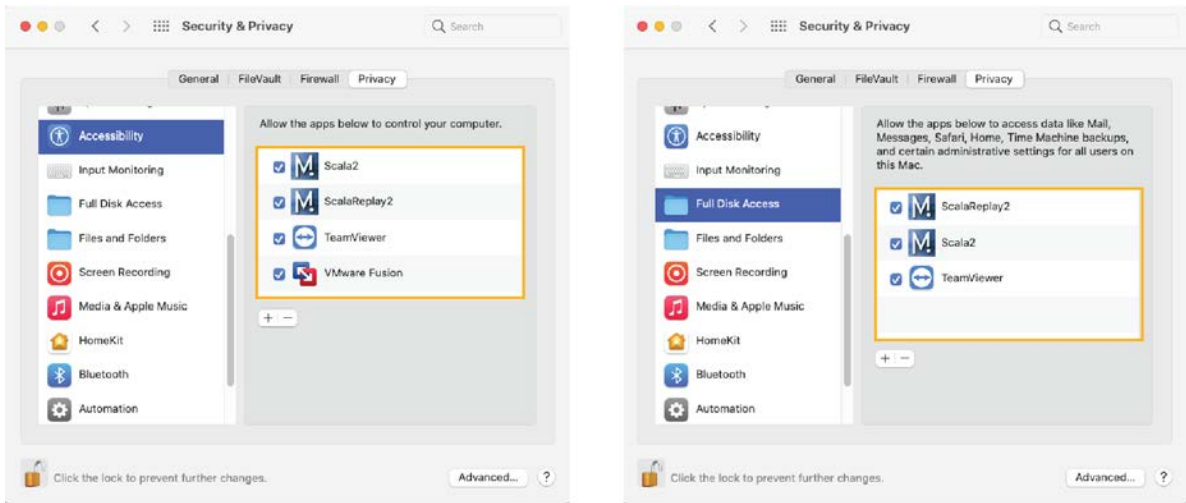
8. Follow the onscreen instructions until the migration is complete.

9. Once the computer has restarted, quit the Migration Assistant, then log in to the account.

 **Trouble:** Make sure the keyboard language is the one corresponding to your keyboard.

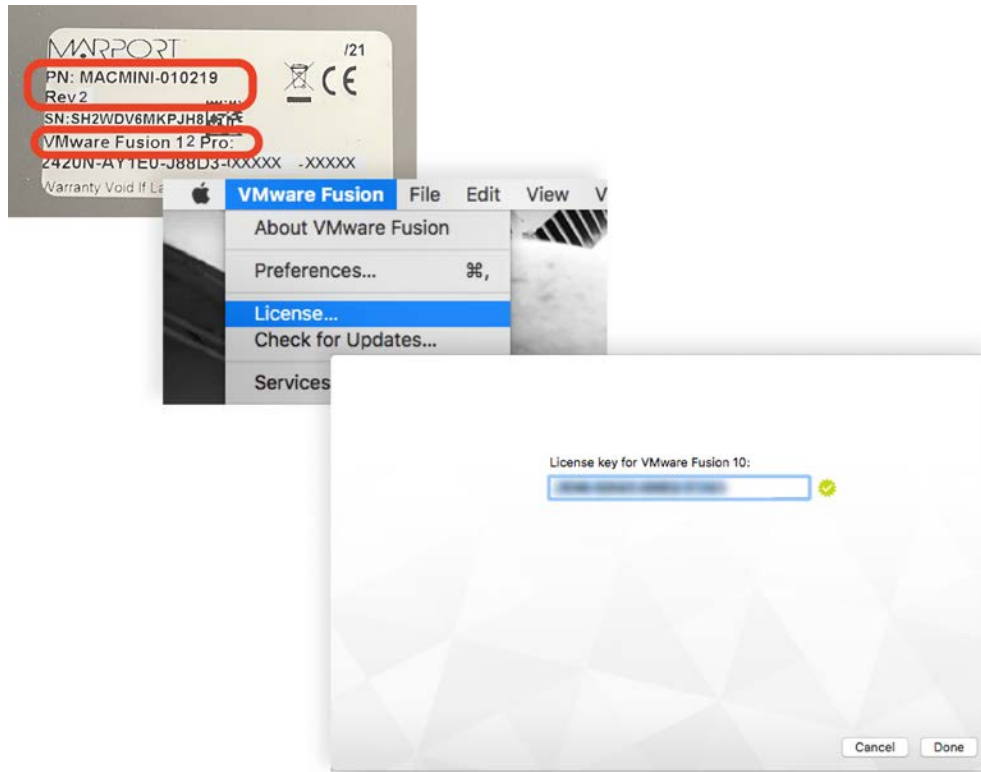
10. If you see a window asking you to connect with an Apple ID, click **Set up later**, then **Skip**.

11. Go to **System Preferences > Security and Privacy > Privacy** settings, then check you have the following settings :



12. You need to update VMware Fusion license key because it is specific to each computer:

- a. Open VMware Fusion and click **VMware Fusion > License**
- b. Enter the license key that is written on the sticker under the computer.



13. You can now eject the external hard disk and restart the computer to make sure all the applications work correctly.

 **Note:** You might see a folder named **Relocated Items** on the desktop. You can delete it.


Troubleshooting

After you have transferred the backup to a new computer, there is a flashing question mark on the screen

After you have transferred a backup to a new computer, the screen is blocked and displays a flashing question mark.



→ When you transfer the backup to a new computer, you need to be connected to an internet network. If not, the computer will not directly reboot with the contents of the backup.

1. Press  on the computer, and immediately press and hold command + R to start up from MacOS Recovery.
2. From the top right corner of the screen, activate the WiFi and select a network.
3. Click **Apple menu > Startup Disk** in the top left corner of the screen.
4. Select **Macintosh HD**, then click **Restart**.