

SanDisk G-RAID Driver on M1 Mac Installation Guide

Version 1.0

Date: Dec, 2020

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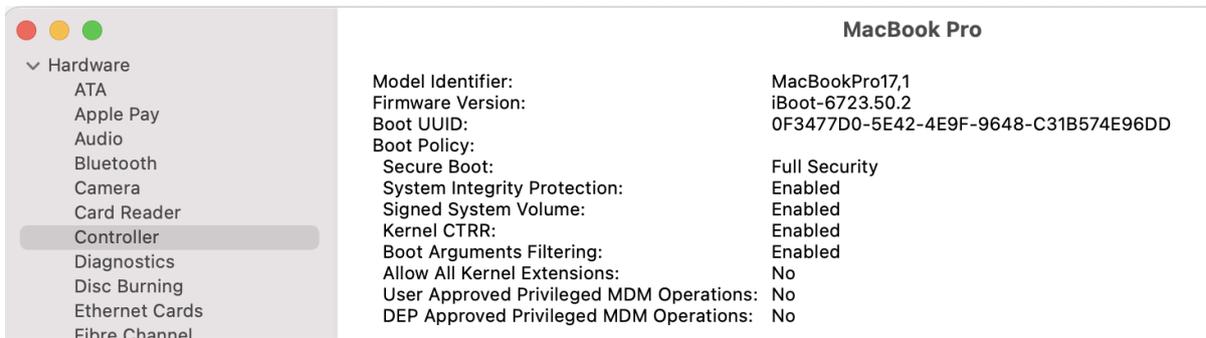
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Enable System Extensions

M1 Mac running macOS 11 or later requires a one-time change to the **Boot Policy** before you install the **SanDisk G-RAID Driver**. Follow the instruction in this section if the Boot Policy setting has not yet been changed. First check to see if the Boot Policy needs to be changed.

Check Boot Policy settings to determine if they need to be changed:

System Information -> Hardware -> Controller -> Boot Policy



To allow third-party kernel extension (kexts), Secure Boot should be set to **Reduced Security**, and **All Kernel Extensions** should be allowed.

If the current settings are:

- **Secure Boot:** Reduced Security
- **Allow All Kernel Extensions:** Yes

Then the Boot Policy is already setup properly, you can skip ahead to **Steps for Installing SanDisk G-RAID Driver** to begin the driver installation. If not, then change the Boot Policy by following the instructions below.

To change the Boot Policy to the proper settings, follow these instructions:

1. **Shutdown** your Mac
2. Press and hold the power button to enter Recovery mode.



3. Choose **Options**, and click **Continue**.
Go to **Utilities** -> **Startup Security Utility**.

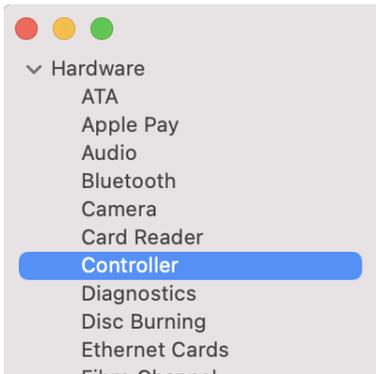


4. Set the security level to **Reduced Security**, choose the option to **“Allow user management of kernel extensions from identified developers”** and click **OK** to continue.



5. **Reboot** normally back to macOS.

Check the Boot Policy to make sure the settings are correct,
System Information -> Hardware -> Controller -> Boot Policy.

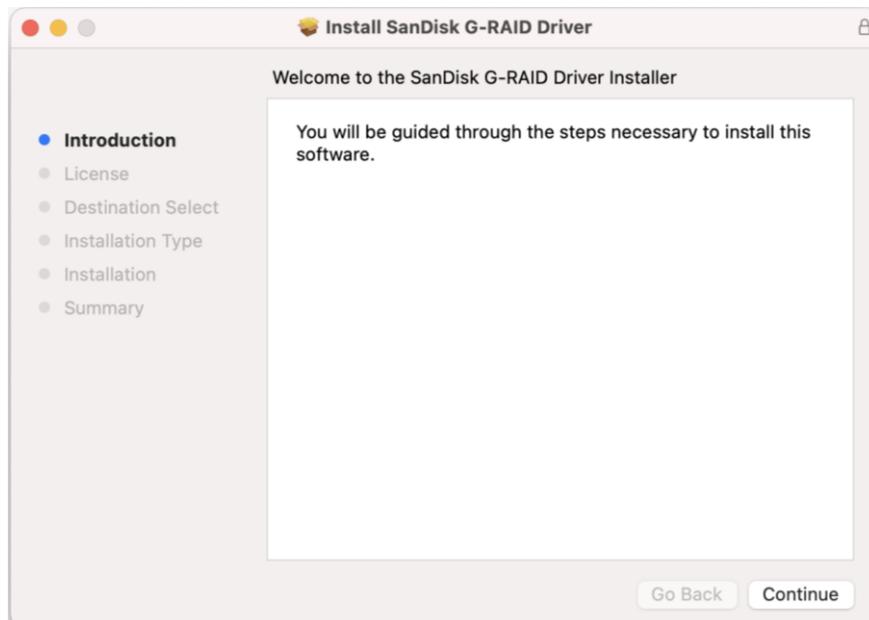


MacBook Pro	
Model Identifier:	MacBookPro17,1
Firmware Version:	iBoot-6723.50.2
Boot UUID:	1FBD1E9B-0E0D-4B43-917F-A0B4379BADCF
Boot Policy:	
Secure Boot:	Reduced Security
System Integrity Protection:	Enabled
Signed System Volume:	Enabled
Kernel CTRR:	Enabled
Boot Arguments Filtering:	Enabled
Allow All Kernel Extensions:	Yes
User Approved Privileged MDM Operations:	No
DEP Approved Privileged MDM Operations:	No

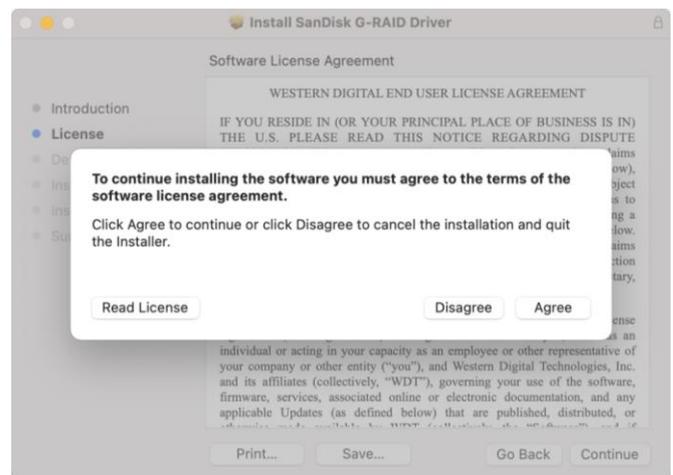
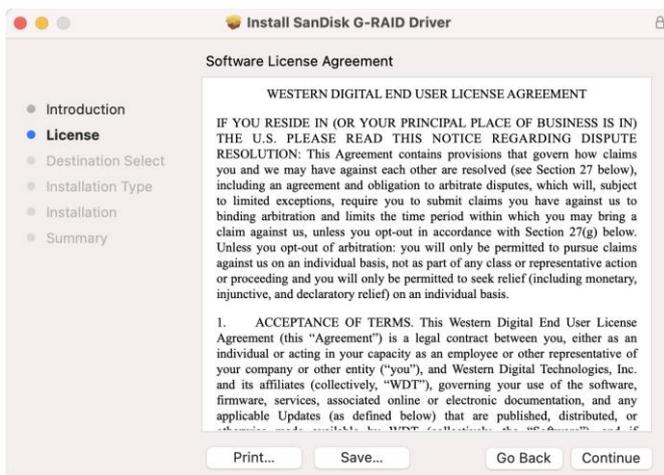
Steps for Installing SanDisk G-RAID Driver

Follow instructions in the wizard to install the SanDisk G-RAID Driver:

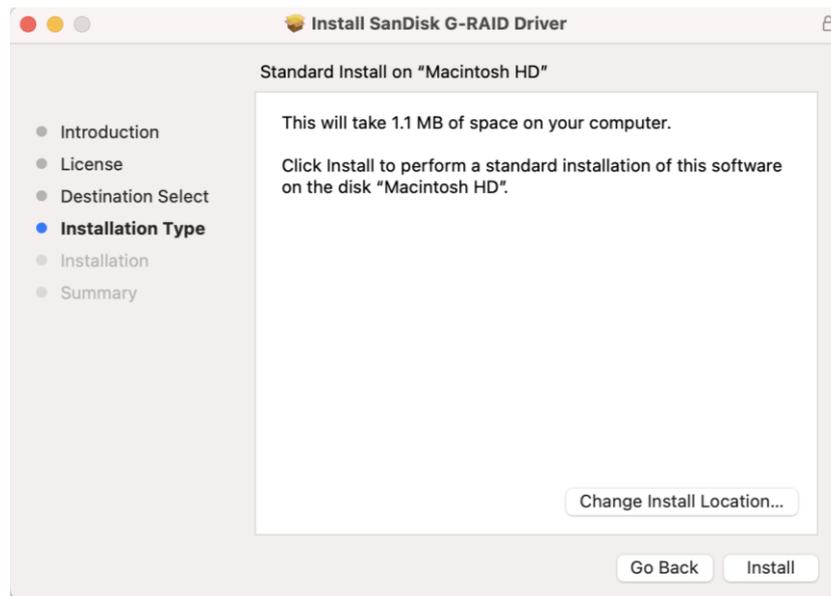
1. Double-click the .pkg driver installation file. Note that the file name begins with "S_MacDrv" followed by the version number. The installer appears. Click **Continue** to begin the installation.



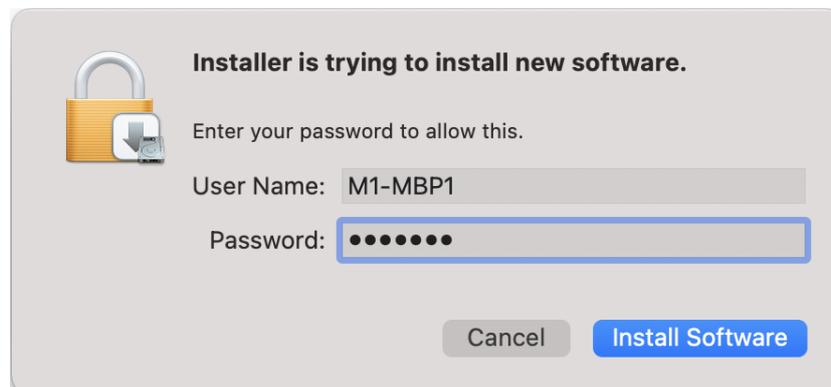
2. Click **Continue** and **Agree** to the Software License Agreement. If you want to save or print the license agreement, do so before clicking **Continue**.



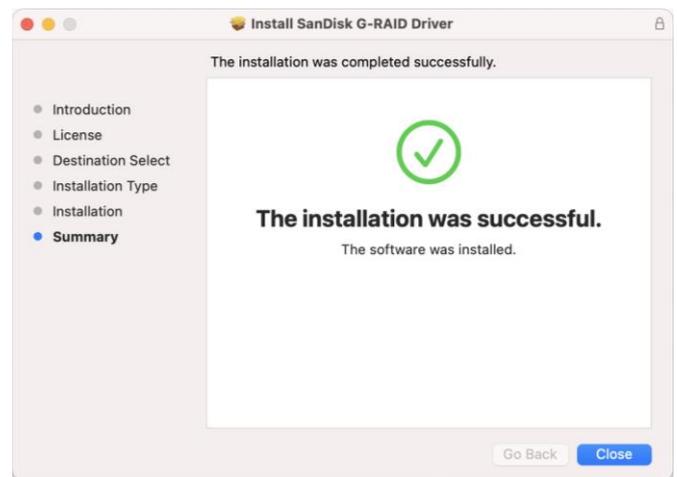
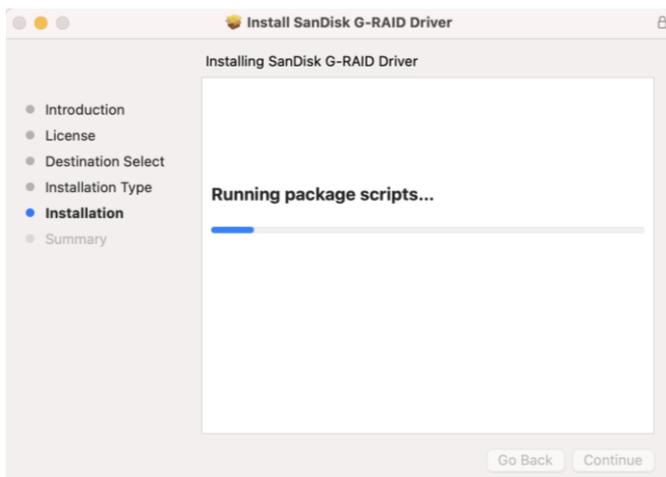
3. Click **Install** to perform a standard installation.



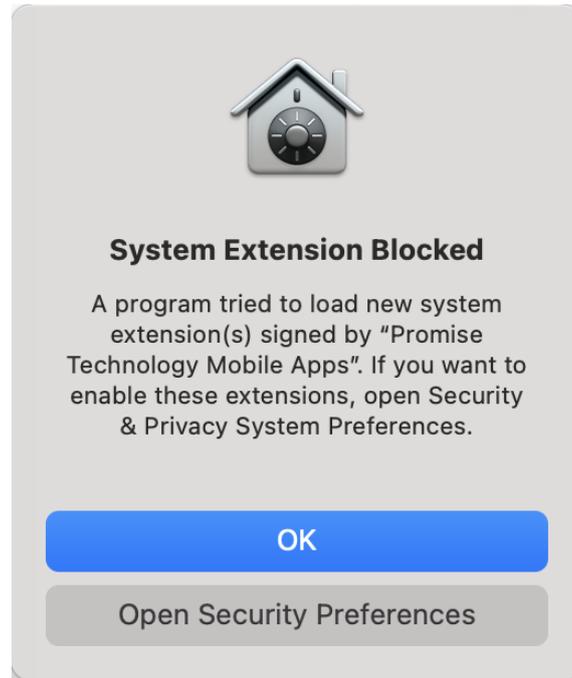
4. Enter your **password** to allow the installation.



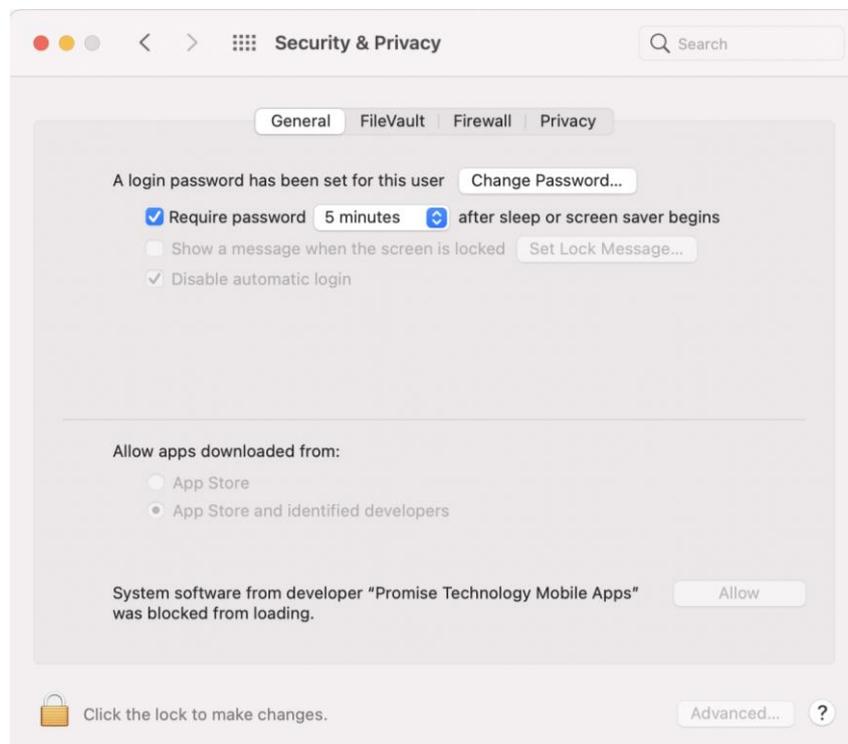
5. Driver installation takes a few minutes.



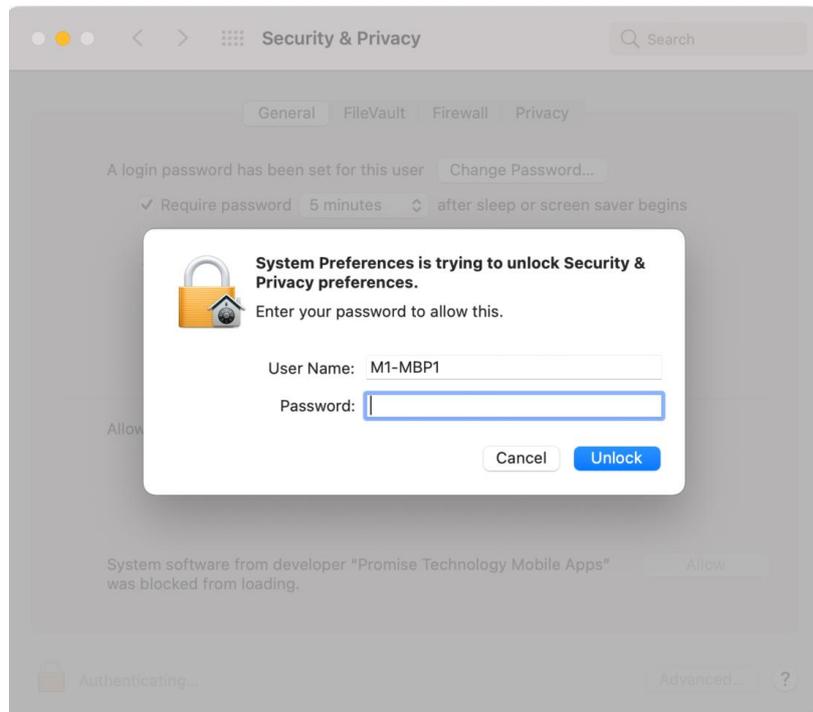
6. The **System Extension Blocked** message will appear. To allow the loading of SanDisk G-RAID Driver, Choose **Open Security Preferences**, or open **System Preferences** and go to the **General** page of **Security & Privacy**.



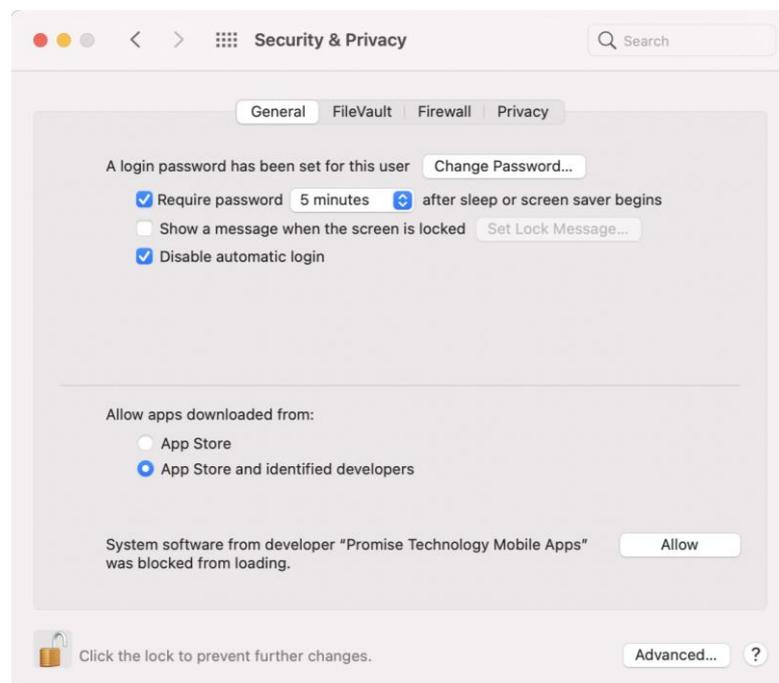
7. Click the lock icon to allow changes in Security & Privacy.



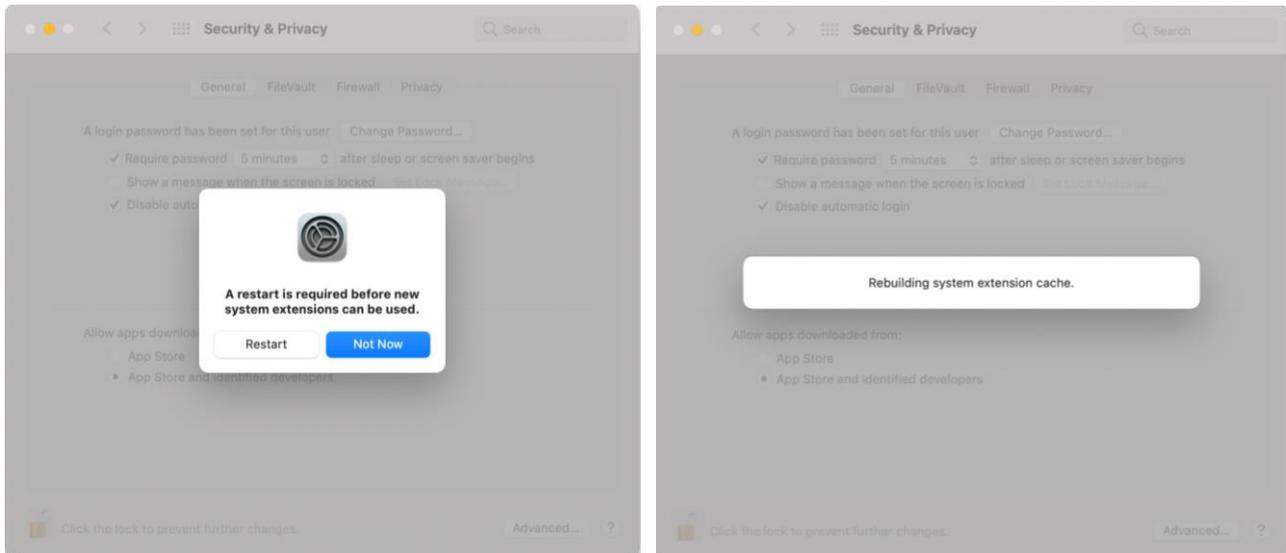
8. Enter your **password** to unlock Security & Privacy preferences.



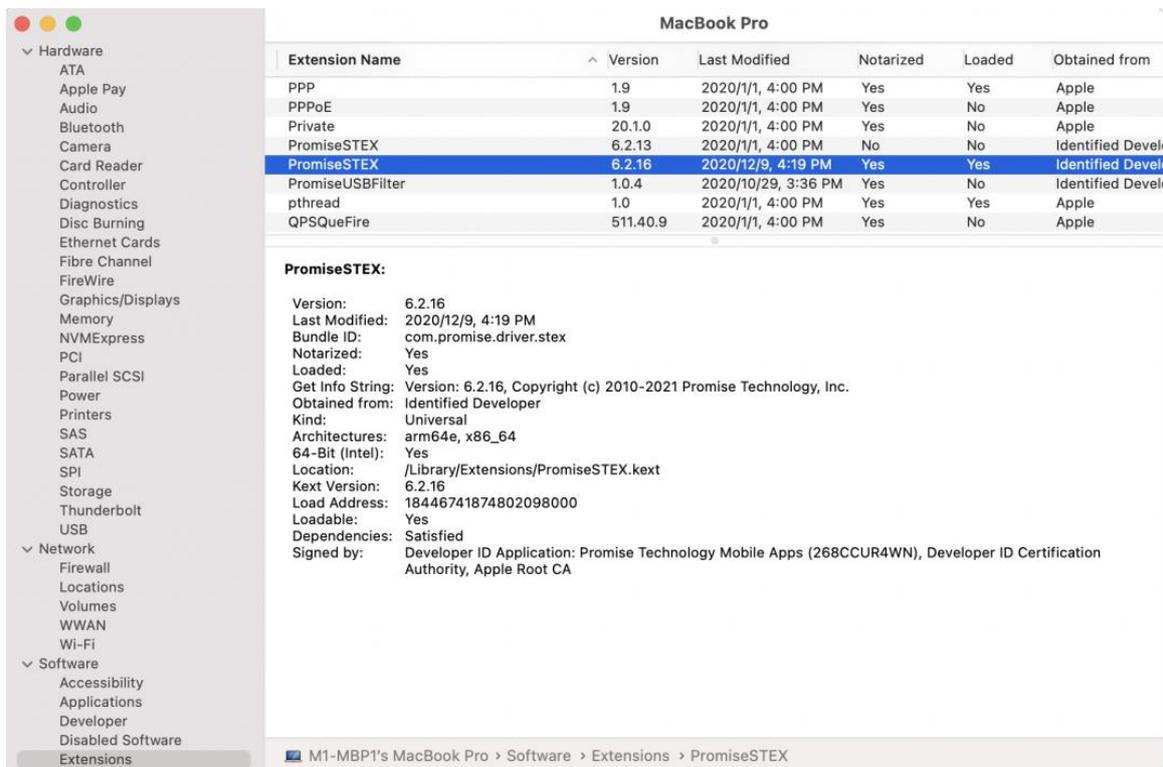
9. Click **Allow** to allow loading system software from developer “**Promise Technology Mobile Apps**”



10. Restart is required to load the new kext



After restarting your computer, you can check your installed version and other information. Open **System Information** -> **Extensions**-> then find the extension name **PromiseSTEX**.



MacBook Pro

Extension Name	Version	Last Modified	Notarized	Loaded	Obtained from
PPP	1.9	2020/1/1, 4:00 PM	Yes	Yes	Apple
PPPoE	1.9	2020/1/1, 4:00 PM	Yes	No	Apple
Private	20.1.0	2020/1/1, 4:00 PM	Yes	No	Apple
PromiseSTEX	6.2.13	2020/1/1, 4:00 PM	No	No	Identified Developer
PromiseSTEX	6.2.16	2020/12/9, 4:19 PM	Yes	Yes	Identified Developer
PromiseUSBFilter	1.0.4	2020/10/29, 3:36 PM	Yes	No	Identified Developer
pthread	1.0	2020/1/1, 4:00 PM	Yes	Yes	Apple
QPSQueFire	511.40.9	2020/1/1, 4:00 PM	Yes	No	Apple

PromiseSTEX:

Version: 6.2.16
 Last Modified: 2020/12/9, 4:19 PM
 Bundle ID: com.promise.driver.stex
 Notarized: Yes
 Loaded: Yes
 Get Info String: Version: 6.2.16, Copyright (c) 2010-2021 Promise Technology, Inc.
 Obtained from: Identified Developer
 Kind: Universal
 Architectures: arm64e, x86_64
 64-Bit (Intel): Yes
 Location: /Library/Extensions/PromiseSTEX.kext
 Kext Version: 6.2.16
 Load Address: 18446741874802098000
 Loadable: Yes
 Dependencies: Satisfied
 Signed by: Developer ID Application: Promise Technology Mobile Apps (268CCUR4WN), Developer ID Certification Authority, Apple Root CA

M1-MBP1's MacBook Pro > Software > Extensions > PromiseSTEX

