

# **SanDisk G-RAID Driver on M1 Mac Installation Guide**

**Version 1.0**

**Date: Dec, 2020**

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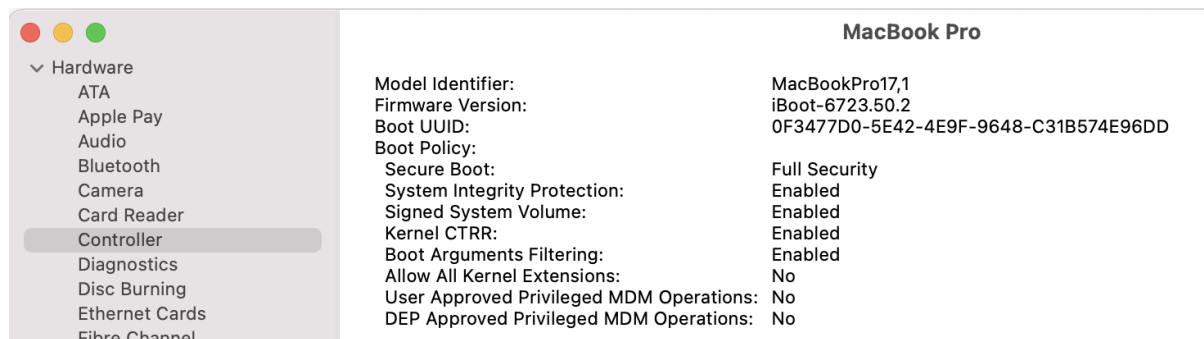
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# Enable System Extensions

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.

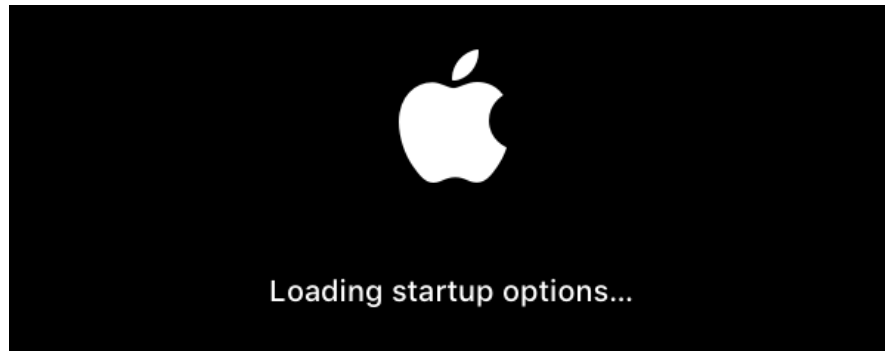
If the current settings are:

- **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**.

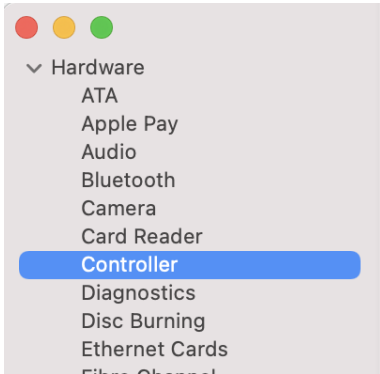


4. Set the security level to **Reduced Security**, choose the option to **"Allow user management of kernel extensions from identified developers"** and click **OK** to continue.



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

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

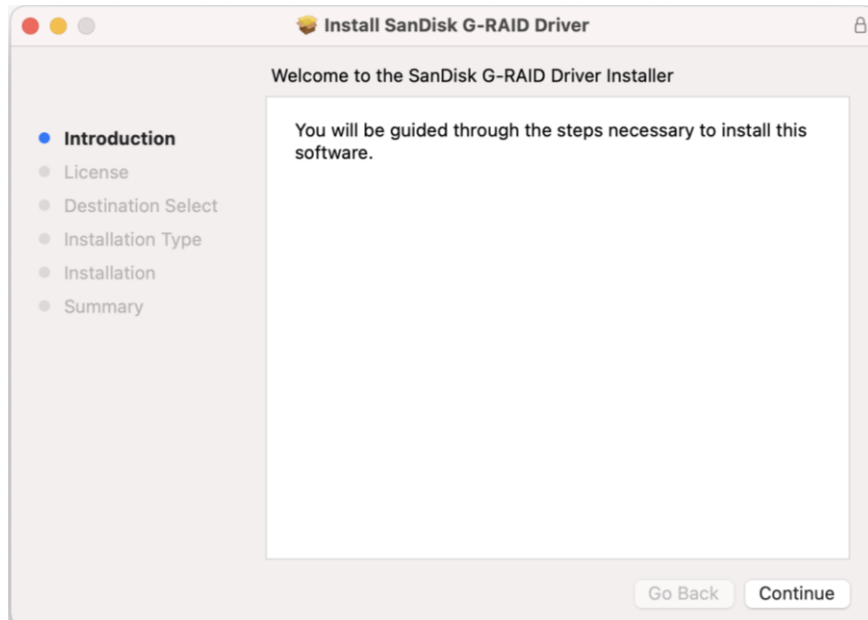


MacBook Pro	
Model Identifier:	MacBookPro17,1
Firmware Version:	iBoot-6723.50.2
Boot UUID:	1FBD1E9B-0E0D-4B43-917F-A0B4379BADCF
Boot Policy:	
Secure Boot:	Reduced Security
System Integrity Protection:	Enabled
Signed System Volume:	Enabled
Kernel CTRR:	Enabled
Boot Arguments Filtering:	Enabled
Allow All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

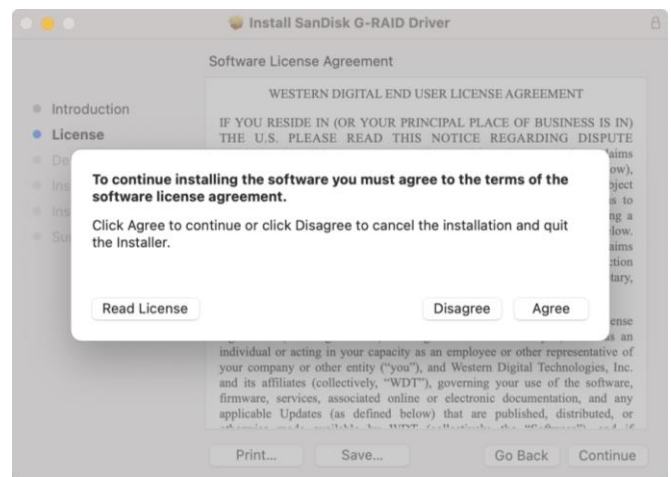
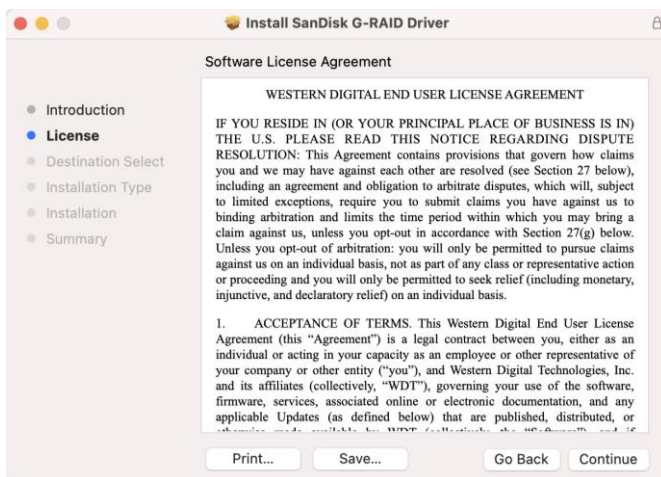
# Steps for Installing SanDisk G-RAID Driver

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

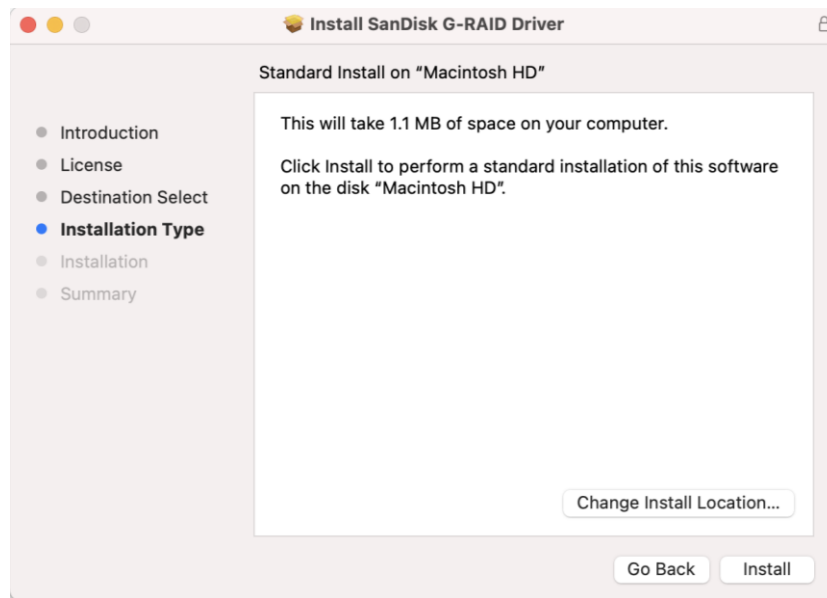
1. Double-click the .pkg driver installation file. Note that the file name begins with "S\_MacDrv" followed by the version number. The installer appears. Click **Continue** to begin the installation.



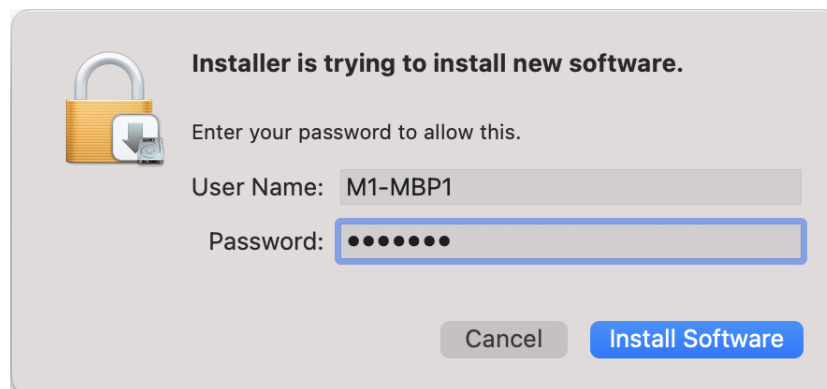
2. Click **Continue** and **Agree** to the Software License Agreement. If you want to save or print the license agreement, do so before clicking **Continue**.



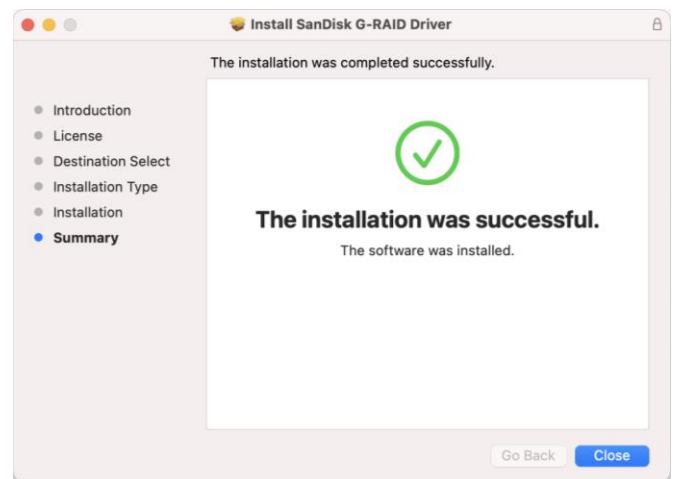
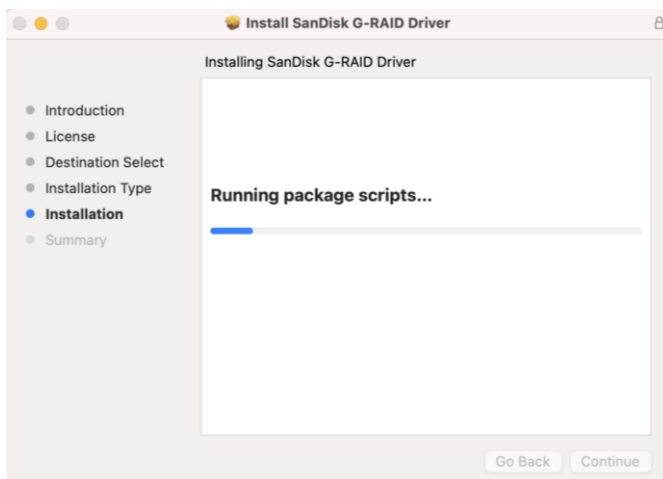
3. Click **Install** to perform a standard installation.



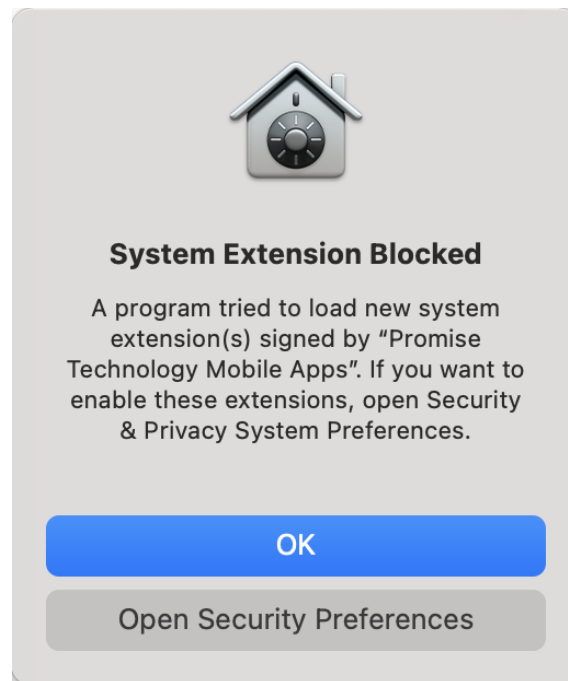
4. Enter your **password** to allow the installation.



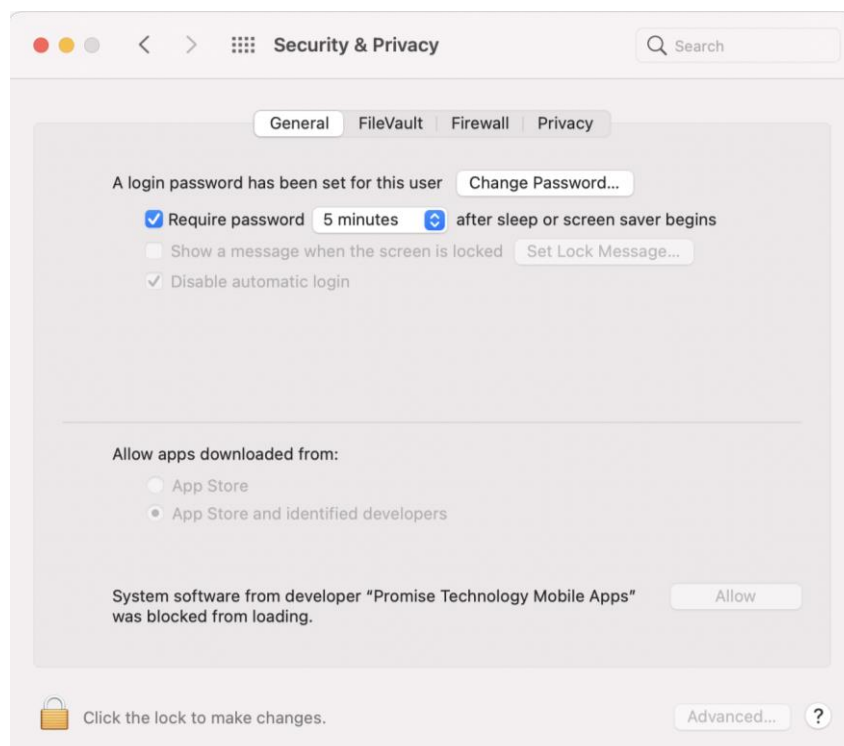
5. Driver installation takes a few minutes.



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**.

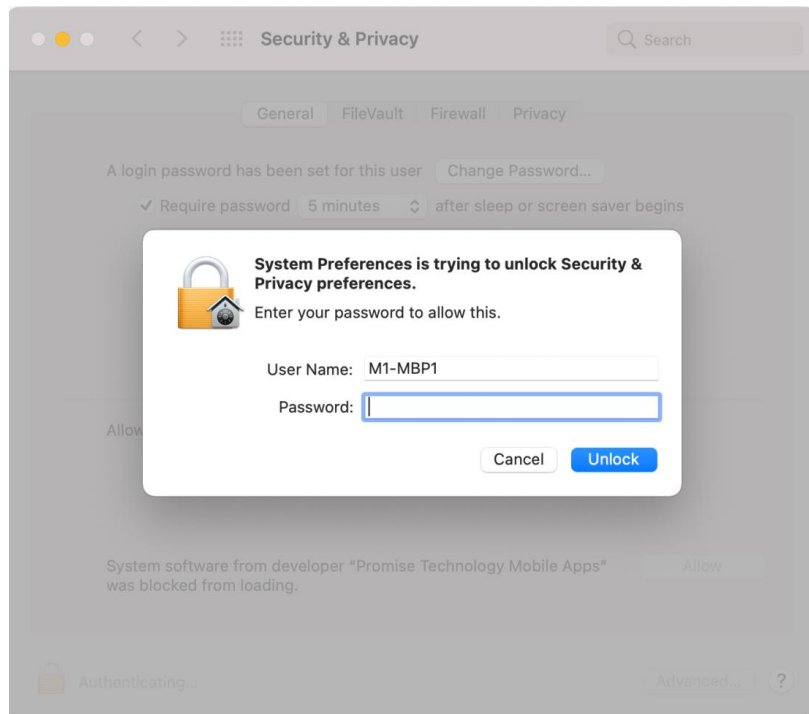


7. Click the lock icon to allow changes in Security & Privacy.

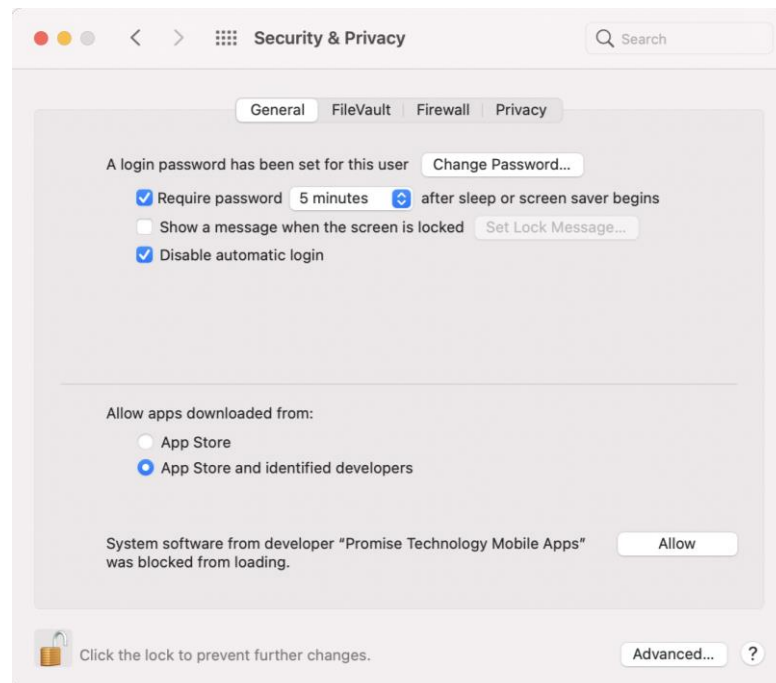




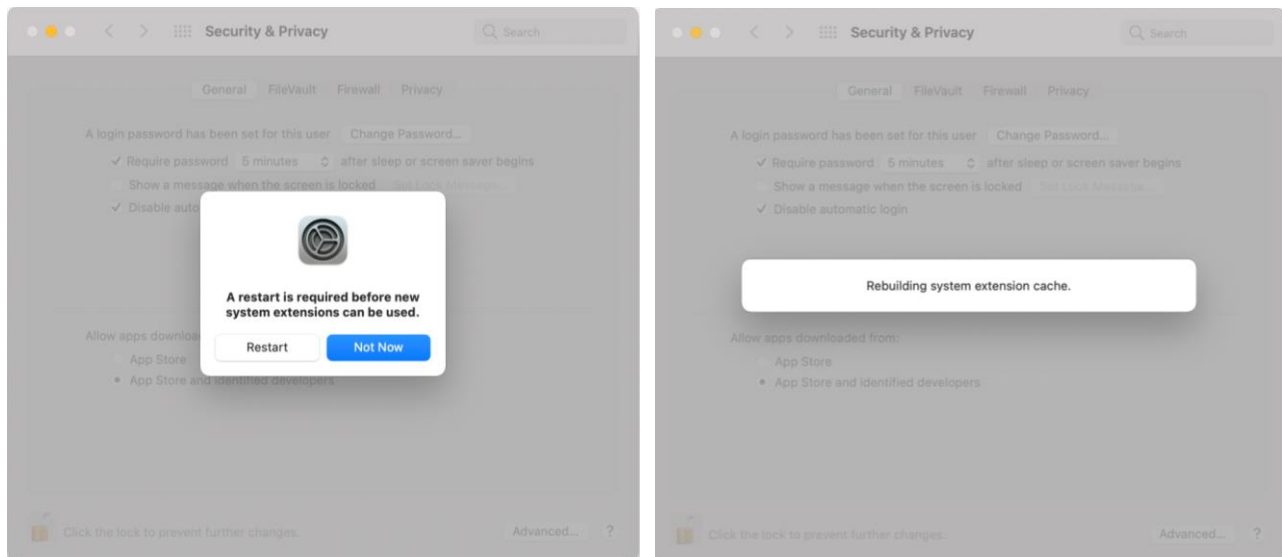
8. Enter your **password** to unlock Security & Privacy preferences.



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
QPSQueueFire	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

Hardware

ATA

Apple Pay

Audio

Bluetooth

Camera

Card Reader

Controller

Diagnostics

Disc Burning

Ethernet Cards

Fibre Channel

FireWire

Graphics/Displays

Memory

NVMeExpress

PCI

Parallel SCSI

Power

Printers

SAS

SATA

SPI

Storage

Thunderbolt

USB

Network

Firewall

Locations

Volumes

WWAN

Wi-Fi

Software

Accessibility

Applications

Developer

Disabled Software

Extensions

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

