

Promise Pegasus Driver on M1 Mac Installation Guide

Version 1.0

Date: Dec, 2020

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Table of Contents

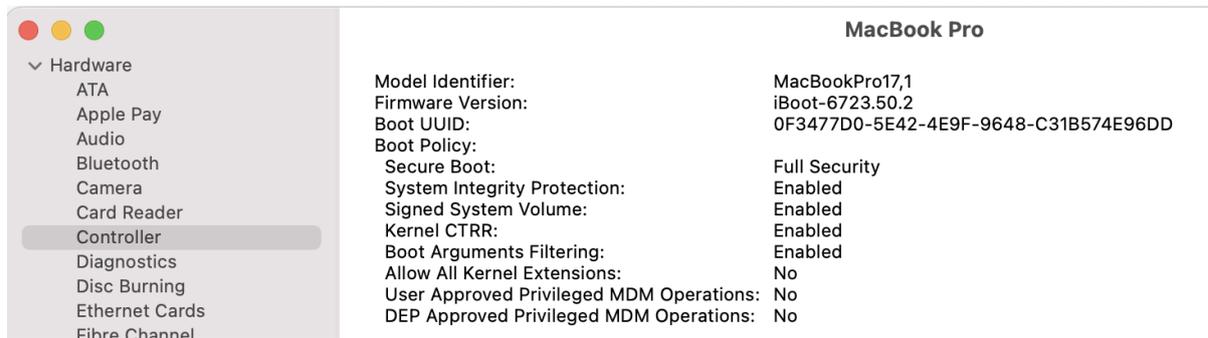
| | |
|--|----------|
| <i>Enable System Extensions</i> | 1 |
| <i>Steps for Installing Promise Pegasus Driver</i> | 4 |

Enable System Extensions

M1 Mac running macOS 11 or later requires a one-time change to the **Boot Policy** before you install the **Promise Pegasus 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 Promise Pegasus 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**.

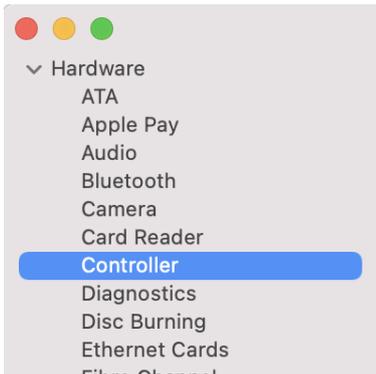


4. Set the security level to **Reduced Security**, choose the option to **“Allow user management of kernel extensions from identified developers”** and click **OK** to continue.



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

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

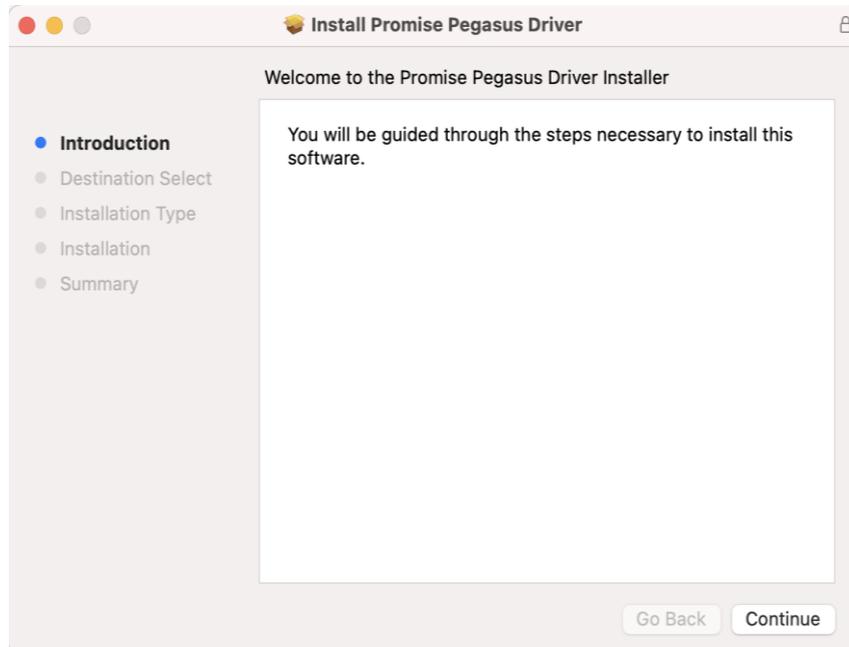


| MacBook Pro | |
|--|--------------------------------------|
| Model Identifier: | MacBookPro17,1 |
| Firmware Version: | iBoot-6723.50.2 |
| Boot UUID: | 1FBD1E9B-0E0D-4B43-917F-A0B4379BADCF |
| Boot Policy: | |
| Secure Boot: | Reduced Security |
| System Integrity Protection: | Enabled |
| Signed 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 |

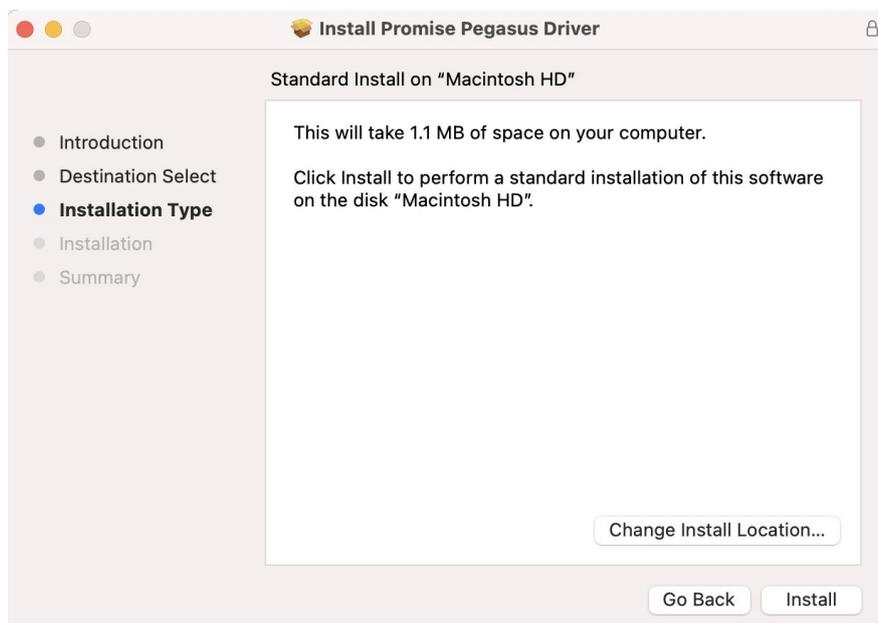
Steps for Installing Promise Pegasus Driver

Follow instructions in the wizard to install the Promise Pegasus Driver:

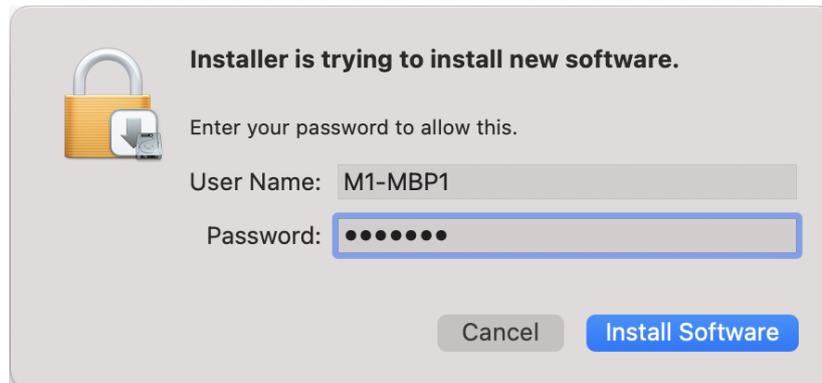
1. Double-click the .pkg driver installation file. Note that the file name begins with “R_MacDrv” followed by the version number. The installer appears. Click **Continue** to begin the installation.



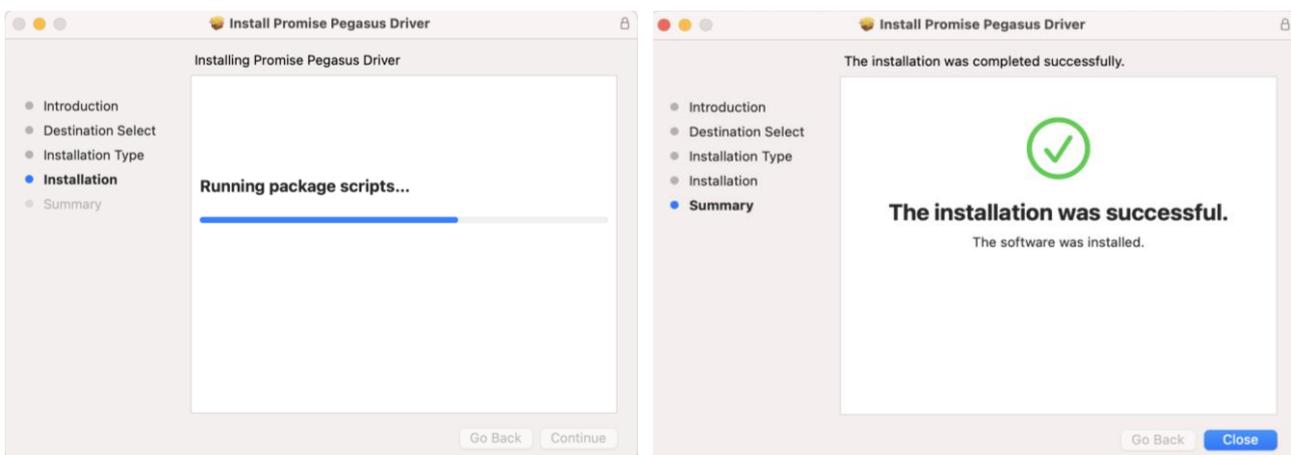
2. Click **Install** to perform a standard installation.



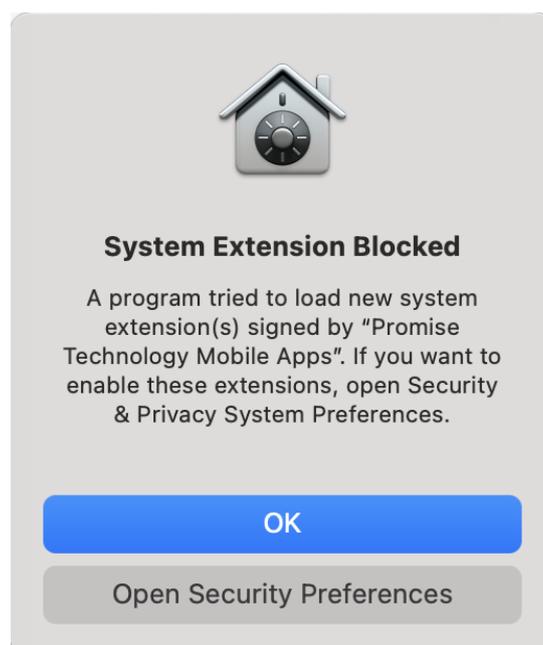
3. Enter your **password** to allow the installation.



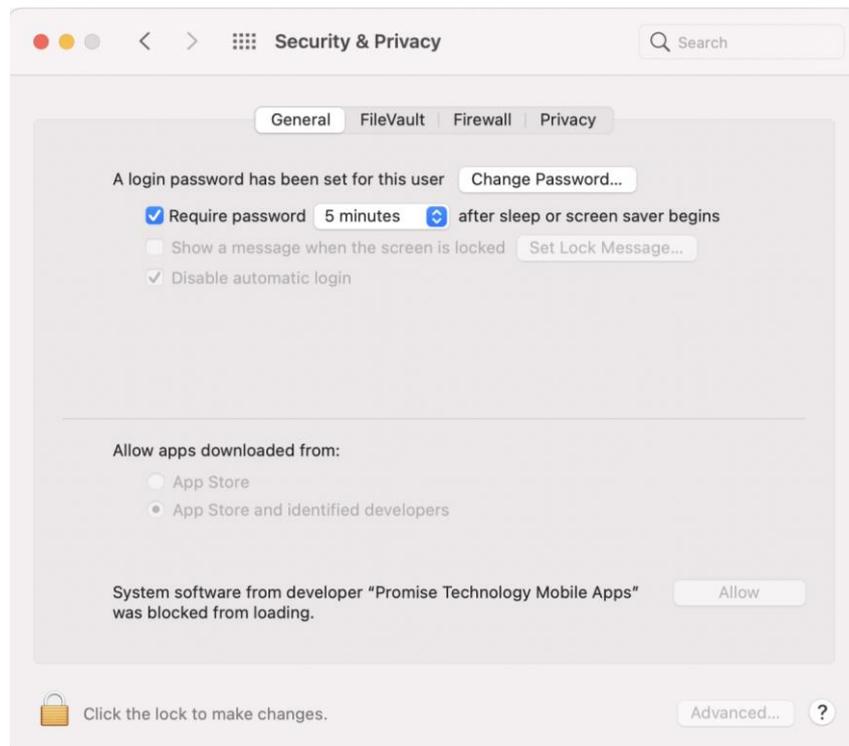
4. Driver installation takes a few minutes.



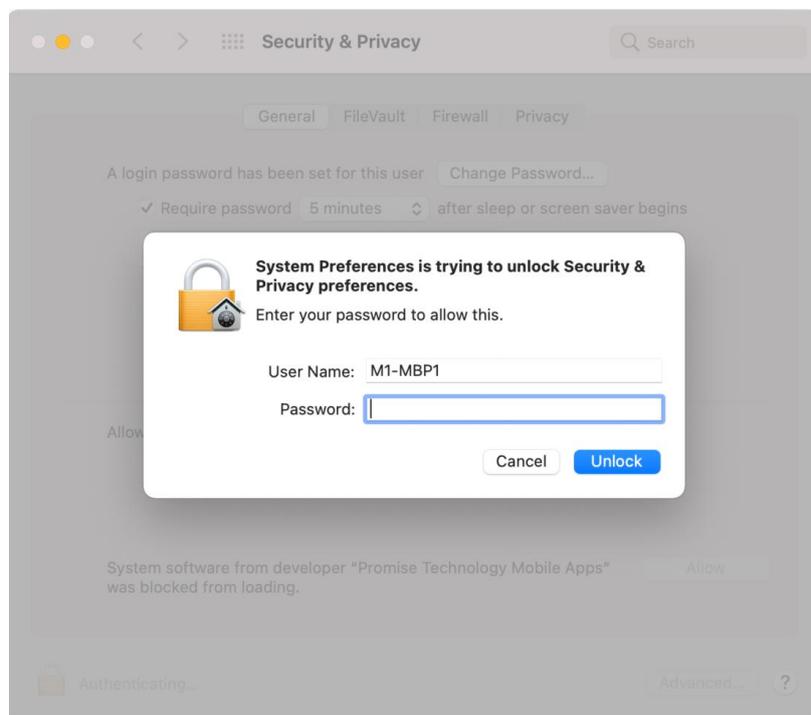
5. The **System Extension Blocked** message will appear. To allow the loading of Promise Pegasus Driver, Choose **Open Security Preferences**, or open **System Preferences** and go to the **General** page of **Security & Privacy**.



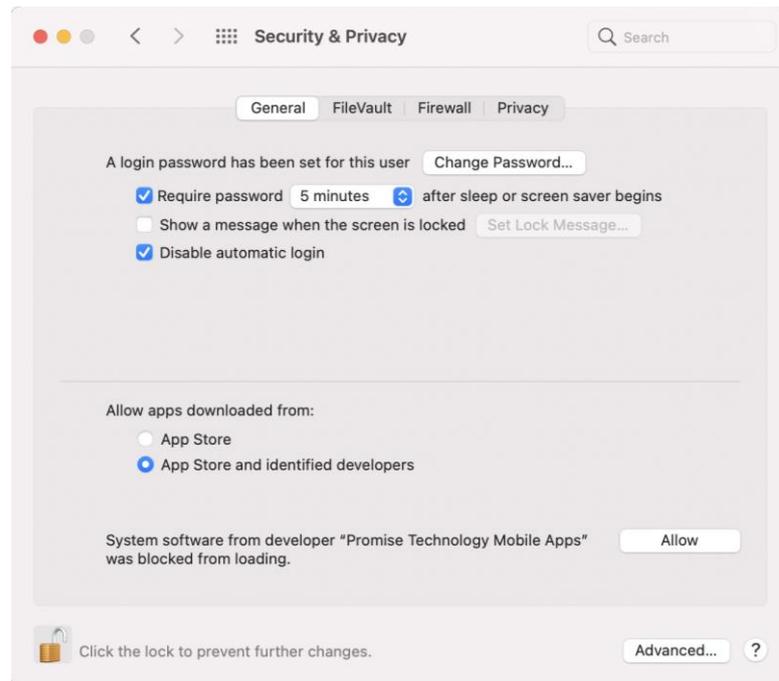
6. Click the lock icon to allow changes in Security & Privacy.



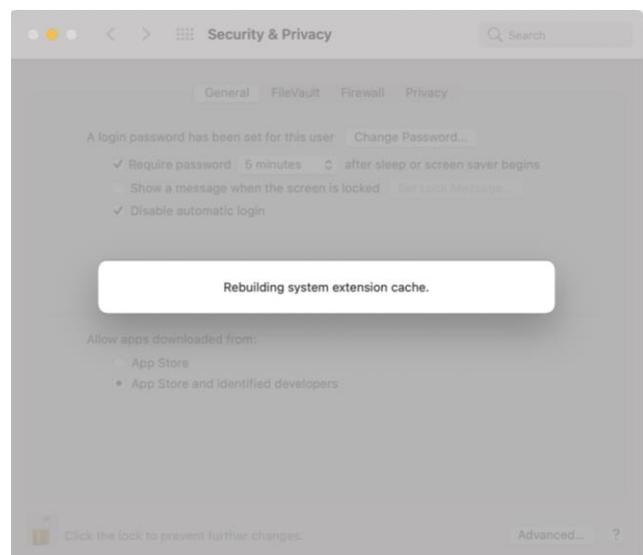
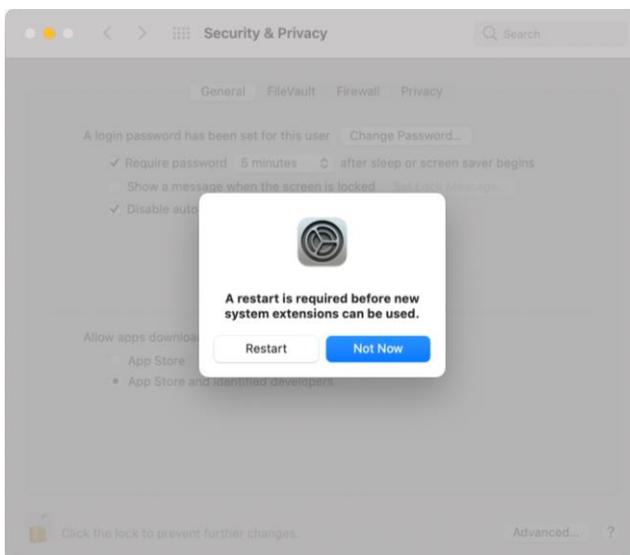
7. Enter your **password** to unlock Security & Privacy preferences.



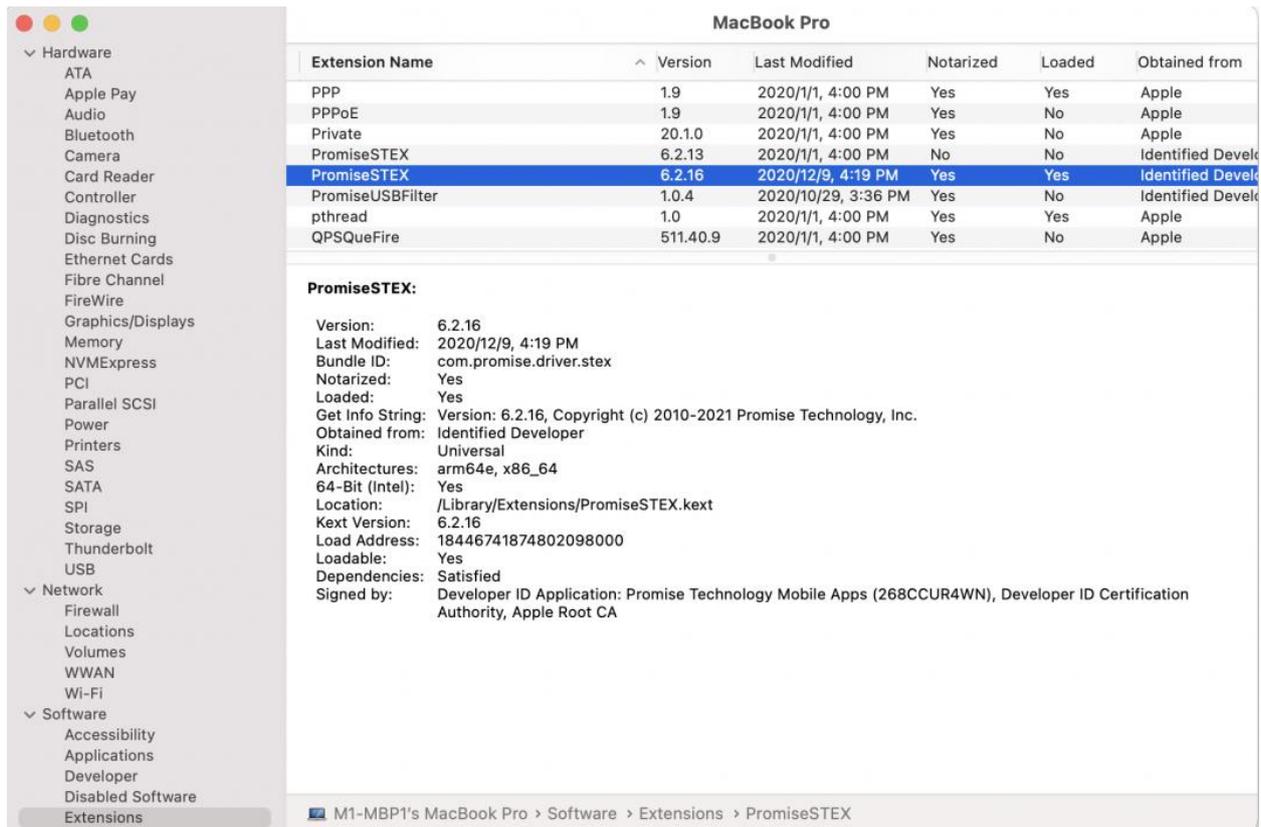
8. Click **Allow** to allow loading system software from developer “**Promise Technology Mobile Apps**”



9. **Restart** is required to load the new next



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



The screenshot shows the macOS System Information window for a MacBook Pro. The left sidebar is expanded to 'Extensions'. The main pane displays a table of installed extensions, with 'PromiseSTEX' selected and highlighted in blue. Below the table, detailed information for the selected extension is shown.

| 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

Navigation path: M1-MBP1's MacBook Pro > Software > Extensions > PromiseSTEX

