

# **Promise Pegasus Driver on M1 Mac Installation Guide**

**Version 1.0**

**Date: Dec, 2020**

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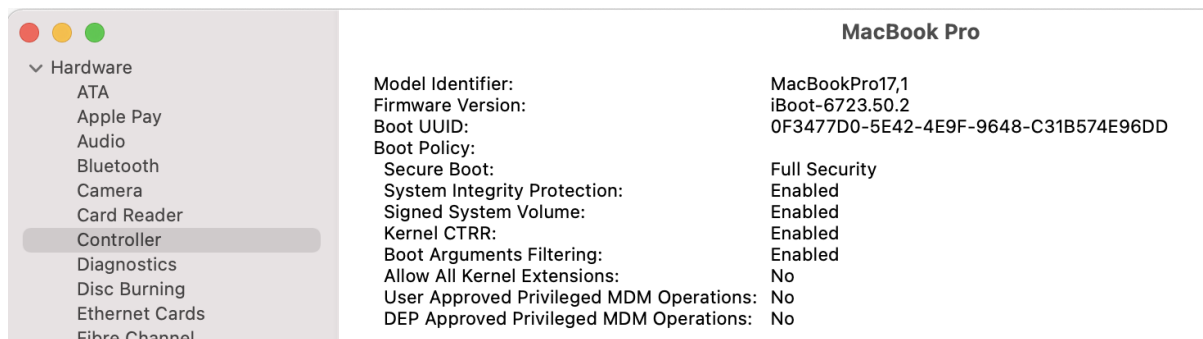
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# Enable System Extensions

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

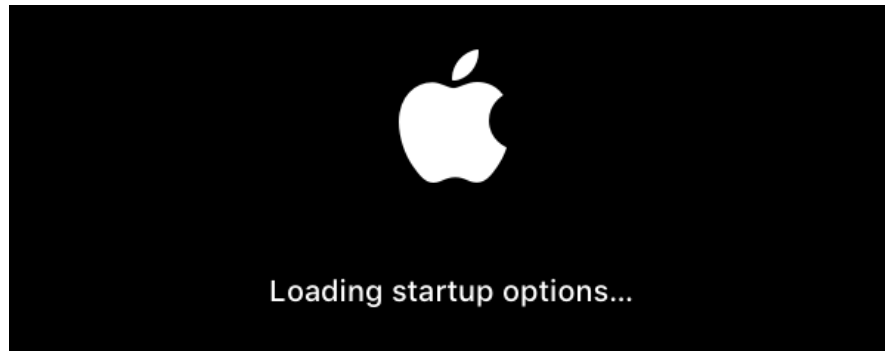
If the current settings are:

- **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**.

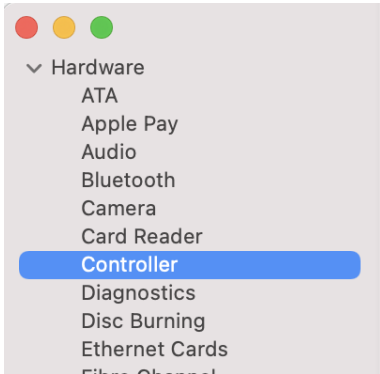


4. Set the security level to **Reduced Security**, choose the option to **“Allow user management of kernel extensions from identified developers”** and click **OK** to continue.



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

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

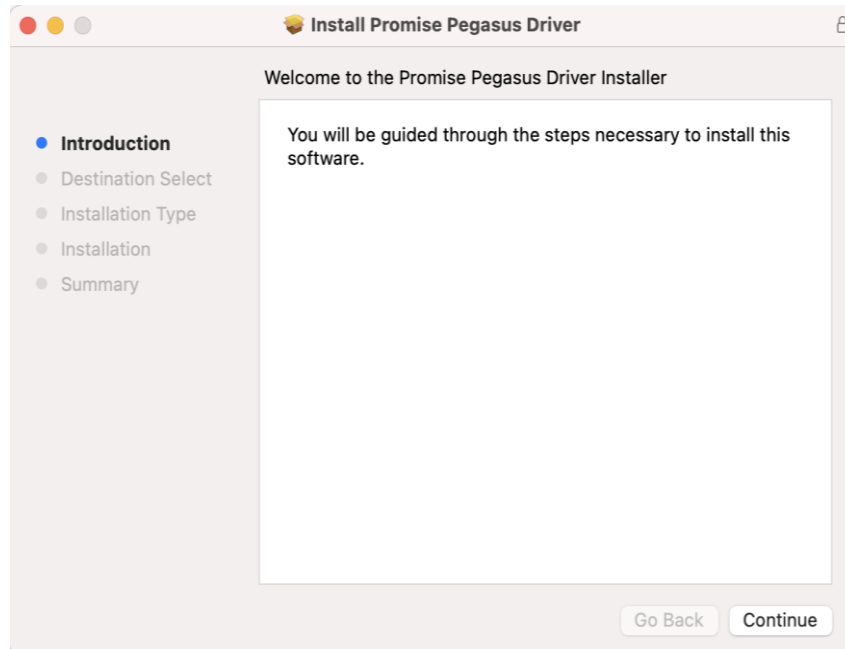


MacBook Pro	
Model Identifier:	MacBookPro17,1
Firmware Version:	iBoot-6723.50.2
Boot UUID:	1FBD1E9B-0E0D-4B43-917F-A0B4379BADCF
Boot Policy:	
Secure Boot:	Reduced Security
System Integrity Protection:	Enabled
Signed System Volume:	Enabled
Kernel CTRR:	Enabled
Boot Arguments Filtering:	Enabled
Allow All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

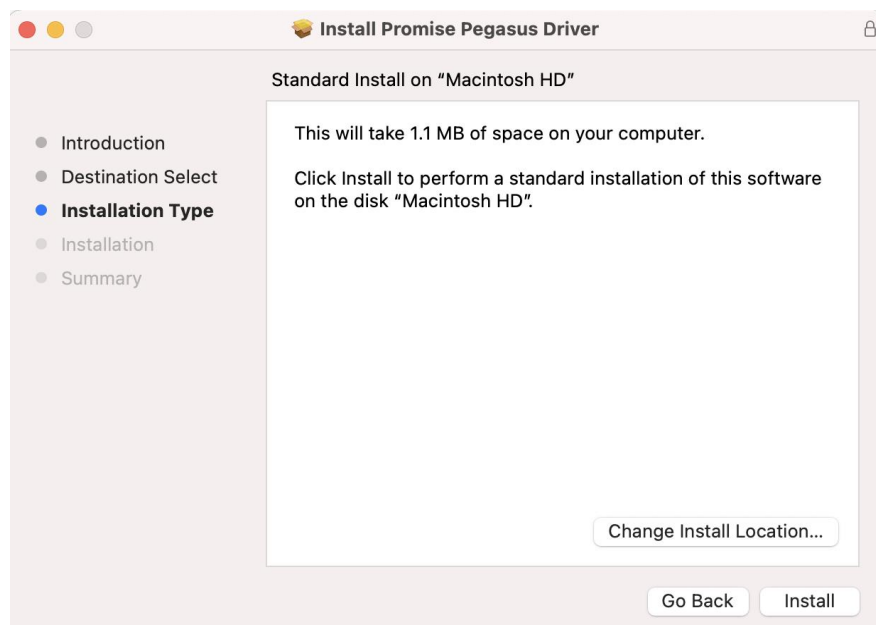
# Steps for Installing Promise Pegasus Driver

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

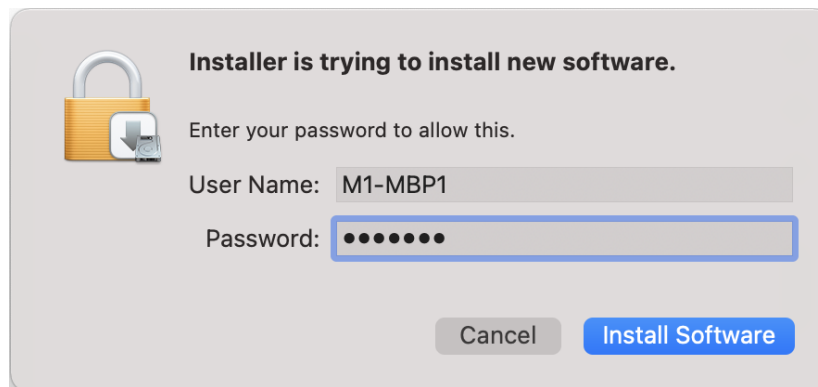
1. Double-click the .pkg driver installation file. Note that the file name begins with "R\_MacDrv" followed by the version number. The installer appears. Click **Continue** to begin the installation.



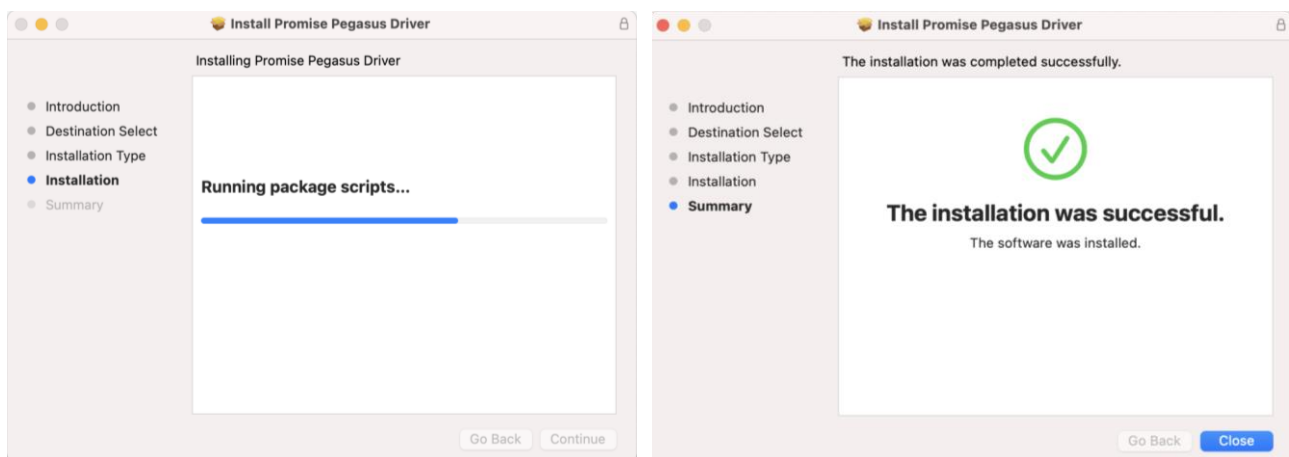
2. Click **Install** to perform a standard installation.



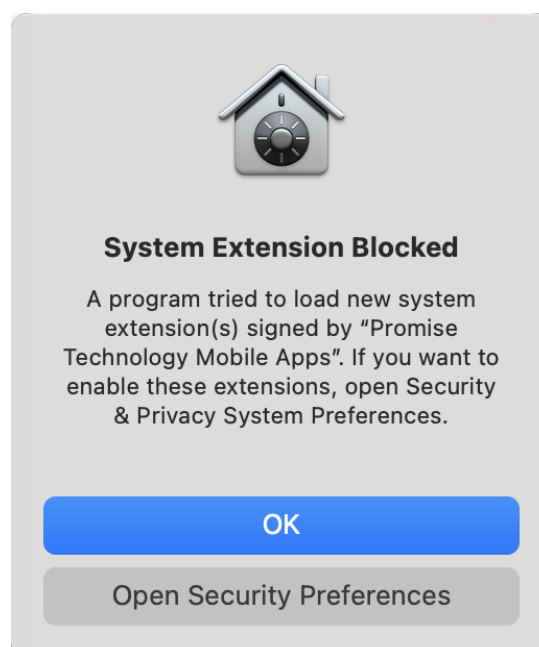
3. Enter your **password** to allow the installation.



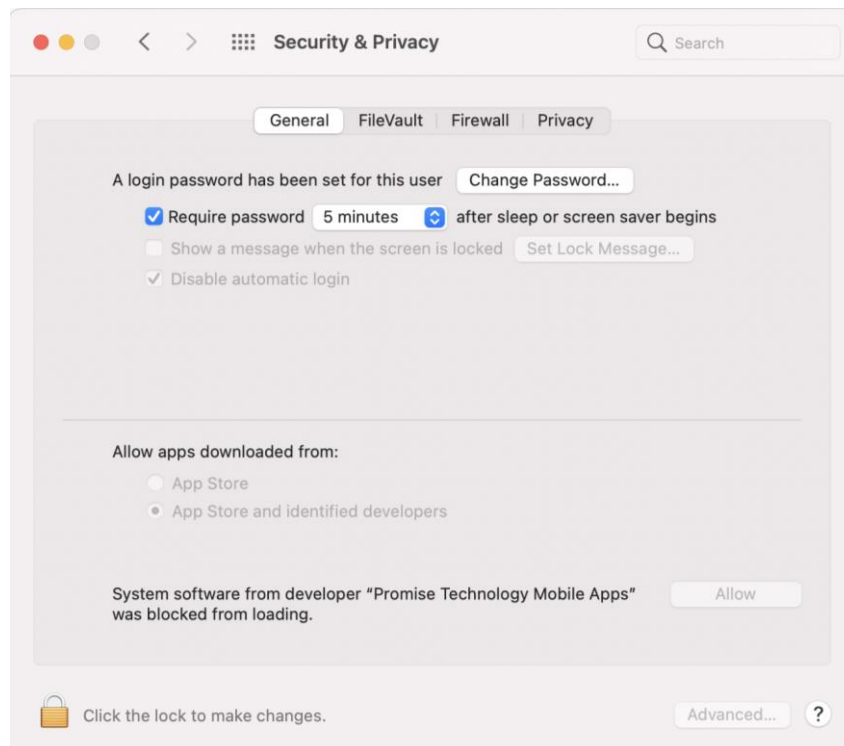
4. Driver installation takes a few minutes.



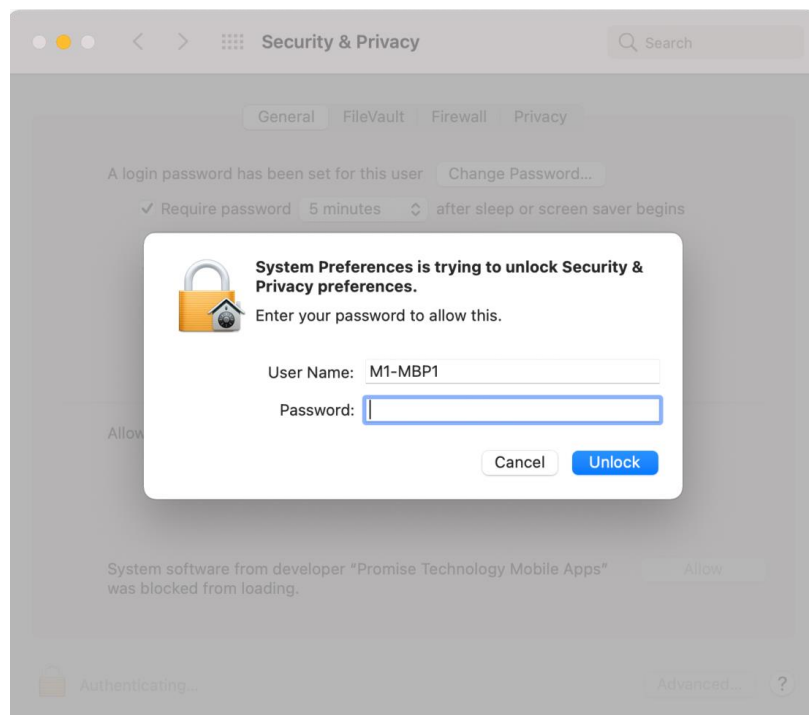
5. The **System Extension Blocked** message will appear. To allow the loading of Promise Pegasus Driver, Choose **Open Security Preferences**, or open **System Preferences** and go to the **General** page of **Security & Privacy**.



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

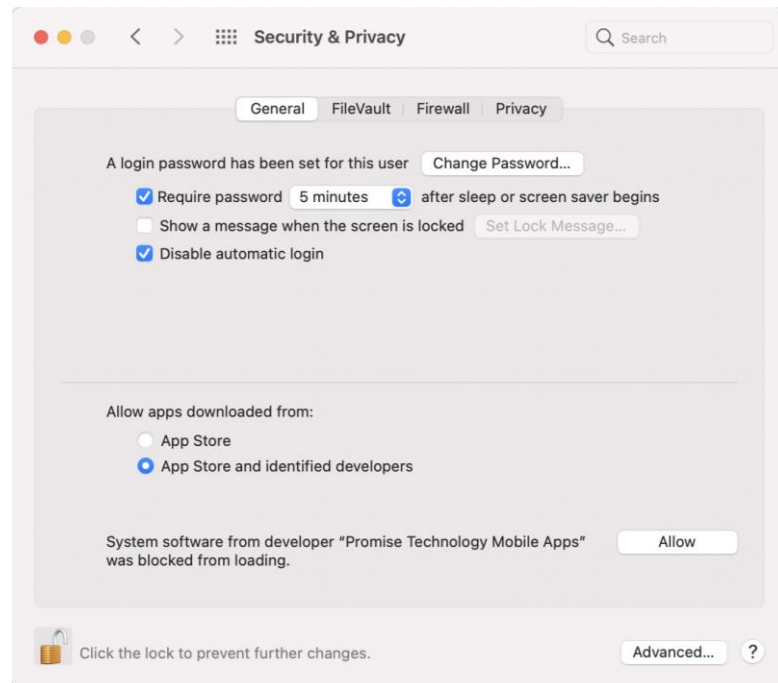


7. Enter your **password** to unlock Security & Privacy preferences.

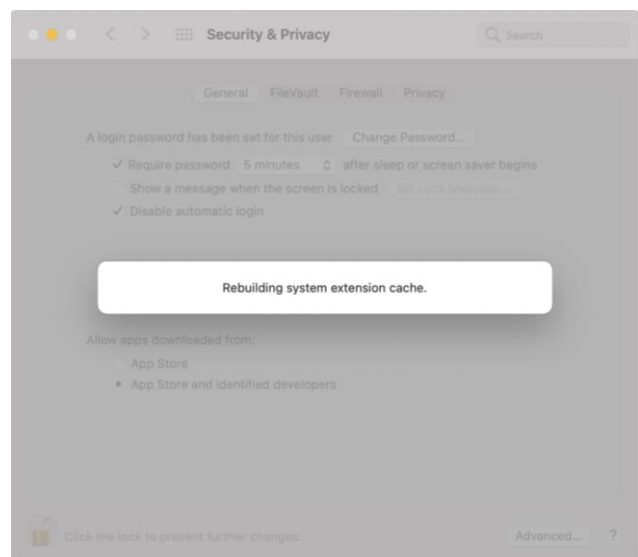
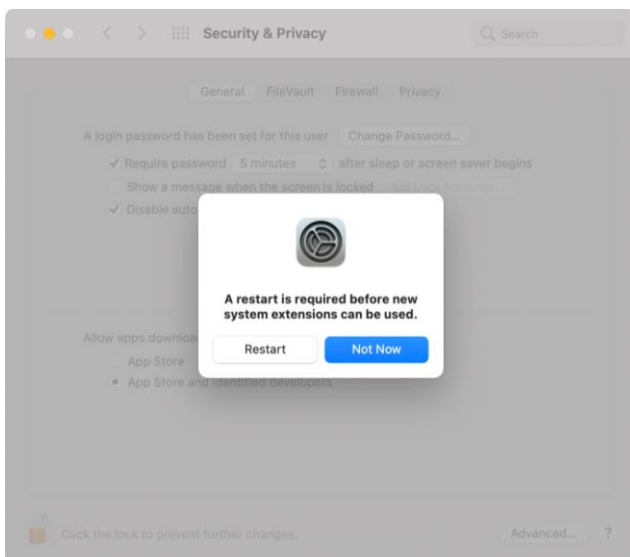




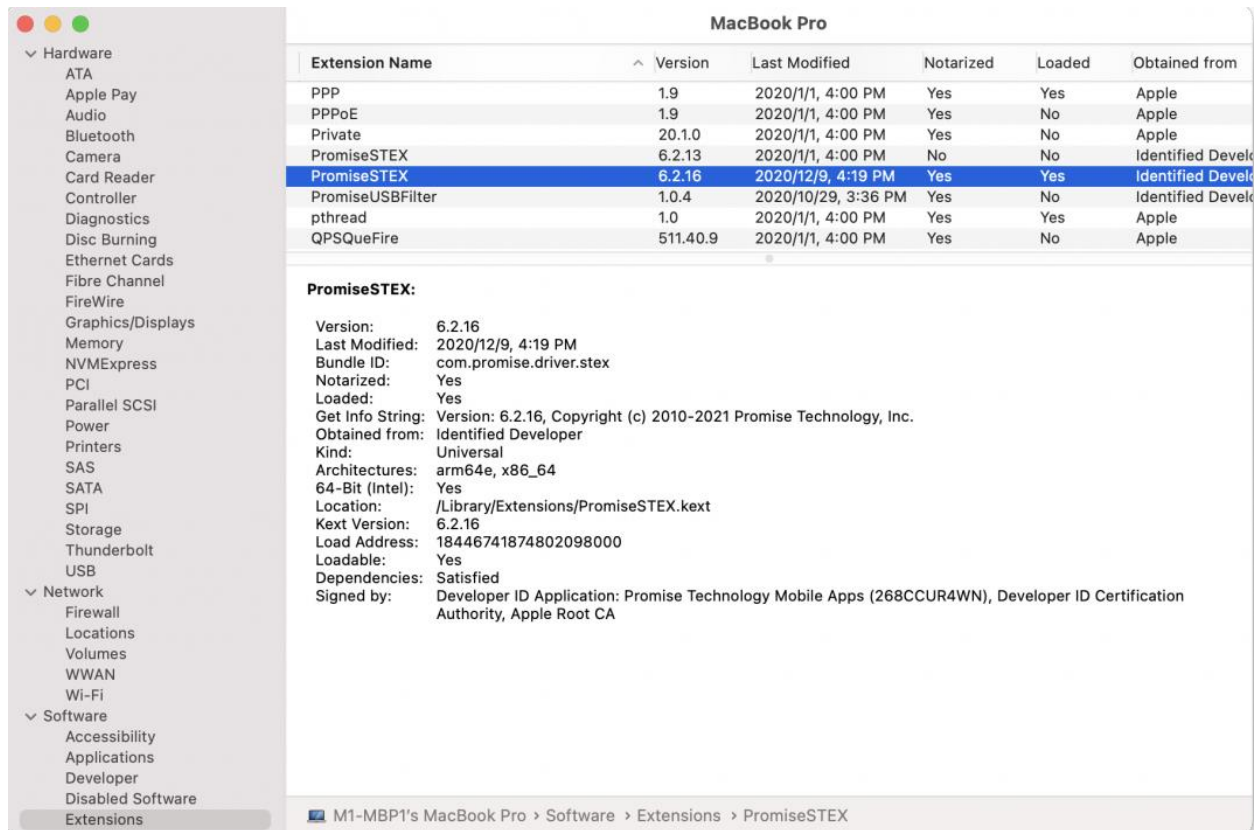
8. Click **Allow** to allow loading system software from developer “**Promise Technology Mobile Apps**”



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 'MacBook Pro' window in System Information, specifically the 'Extensions' section. A table lists installed extensions, with 'PromiseSTEX' highlighted. Below the table, detailed information for 'PromiseSTEX' is displayed.

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
<b>PromiseSTEX</b>	<b>6.2.16</b>	<b>2020/12/9, 4:19 PM</b>	<b>Yes</b>	<b>Yes</b>	<b>Identified Developer</b>
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

