CH34X USB-to-SERIAL MACOS DRIVER INSTALLATION INSTRUCTIONS

Version: V1.6

Introduction

This installation guide document shows the procedure of installing the macOS driver for the WCH USB-to-SERIAL devices. The driver can be downloaded from the website: Link: <u>http://www.wch.cn/downloads/CH34XSER_MAC_ZIP.html</u>

System Requirement

- OS X 10.9 to OS X 10.15
- OS X 11.0(Big Sur) and above

Chip Model Support

- CH340/CH341/CH343/CH9101/CH9102/CH9143 (USB to Single Serial Port)
- CH342/CH344/CH9103 (USB to Multi Serial Ports)

Installation

- 1. Download the driver from the website and unzip the file to a local installation directory.
- 2. Click on the driver file and continue to proceed step by step.





When using OS X 11.0 and above, you need to perform the following additional operation: Open "LaunchPad" and find "CH34xVCPDriver" Application, open the App and click the "Install" button.



When using OS X 10.9 to OS X 10.15, you need to click "Restart" to restart your computer, then perform the following steps after restarting.

Ś	CH34xVCPDriver	File	Edit	Format
Abou	ut This Mac			
Syst	em Preferences			
Арр	Store		6 updates	
Rece	ent Items			>
Forc	e Quit CH34xVCPDriv	er	光心光	5
Slee	р			
Rest	art			53
Shut	Down			
Lock	Screen		^¥	Q
Log	Out moyun		合器	Q

3. When plug the USB-to-SERIAL device into the USB port, you can open "System Report"->Hardware->USB, the right side is "USB Device Tree" and you will find a device whose "Vendor ID" is **[0x1a86]** if USB device is working properly.

		Mac mini	
Memory NVMExpress	USB Device Tree	^	
PCI	✓ USB2.0 Hub		
Parallel SCSI	USB Optical Mouse		
Power	Dell USB Entry Keyboar	d	
Printers	V USB2.0 Hub		
SAS	iPhone		
SATA	USB Single Serial		
SPI	USB 3.1 Bus		
Storage	USB 3.1 Bus		
Thunderbolt/			
USB	USB Single Serial:		
✓ Network	cob olligio certai.		
Firewall	Product ID:	0x55d3	
Locations	Vendor ID:	0x1a86	
Volumes	Version:	5.43	
WWAN	Speed:	Up to 12 Mb/s	
Wi-Fi	Current Available (mA):	500	
✓ Software	Current Required (mA):	134	
Accessibility	Extra Operating Current (mA):	0	
Applications			
Developer			
Disabled Soft			
Extensions	— moyun的Mac mini > Hardw	vare > USB > USB 3.0 Bus > USB2.0 Hub > USB2.0 Hub > USB Single Serial	
Fonts			

4. Open "Terminal" program under Applications-Utilities folder and type the command "ls /dev/tty*".

000	📃 dev — -zsh — 65×9	
[moyun@moyundeMac-mini [moyun@moyundeMac-mini tty.wchusbserial21311 moyun@moyundeMac-mini	~ % cd /dev /dev % ls tty.wch* /dev % []] E]

You should see the "tty.wchusbserialx" where "x" is the assigned device number similar to Windows COM port assignment.

Note:

macOS High Sierra 10.13 introduces a new feature that requires user's approval before loading new third-party kernel extensions.

Link: https://developer.apple.com/library/content/technotes/tn2459/_index.html

Please forward to "System Preferences"->"Security & Privacy"->"General" page, below the title "Allow apps downloaded from:" choose the choice 2->"Mac App Store and identified developers" so that driver will work normally.

Gene	ral FileVault	Firewall	Privacy	
A login password has bee	n set for this use	r Chang	ge Password	
Require password	5 minutes	after sle	ep or screen s	aver begins
Show a message w	when the screen	is locked	Set Lock Mes	sage
Allow apps downloaded fr Mac App Store	om:	lonoro		
Allow apps downloaded fr Mac App Store Mac App Store and Anywhere	om: d identified deve	lopers		

Uninstall Driver

• OS X 10.9~10.15

Open "Terminal" program under Applications-Utilities folder and type the following commands:

sudo rm -rf /Library/Extensions/CH34xVCPDriver.kext sudo rm -rf /var/db/receipts/*CH34xVCPDriver*.*

• OS X 11.0 and above

1. Remove the Application to "Trash" to uninstall.

2.Restart the computer before reinstalling the driver.