



## USB - SERIAL CONVERTER



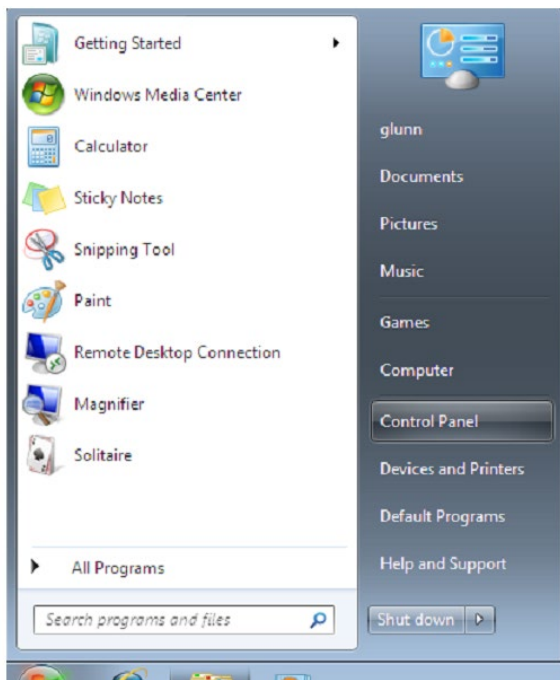
**User Manual**  
DA-70167 Rev. 2

# Windows 7/8/8.1 Installation Guide

Step 1: Insert CD Driver of this product to the CD-ROM. Connect the device to a spare USB port on your PC.

Step 2: If there is an available Internet connection, Windows 7/8/8.1 will silently connect to the Windows Update website and install any suitable driver it finds for the device. If the automatic installation takes place there is no need to continue with the procedure outlined below. If no suitable driver is automatically found, then the following procedure should be followed.

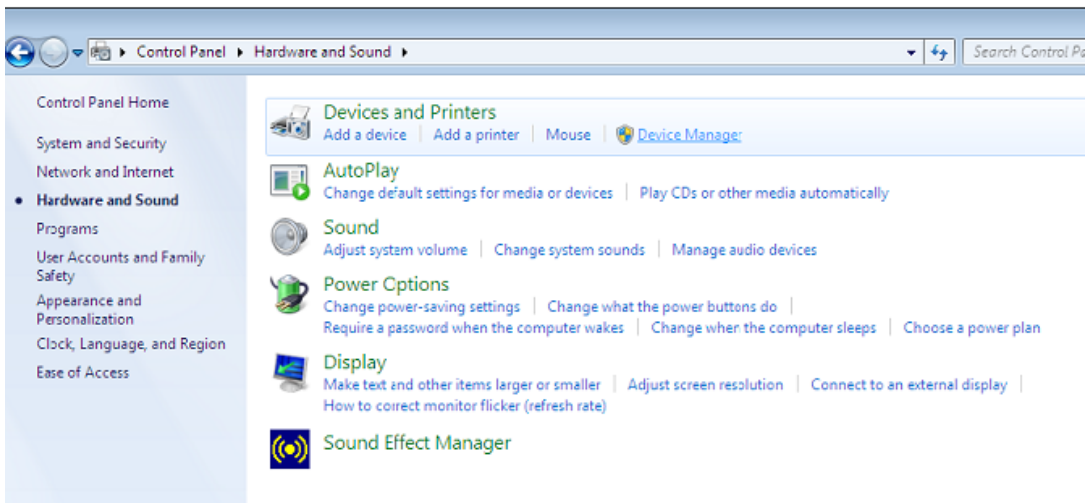
Press the Windows start button to bring up the start menu and select “Control Panel”.



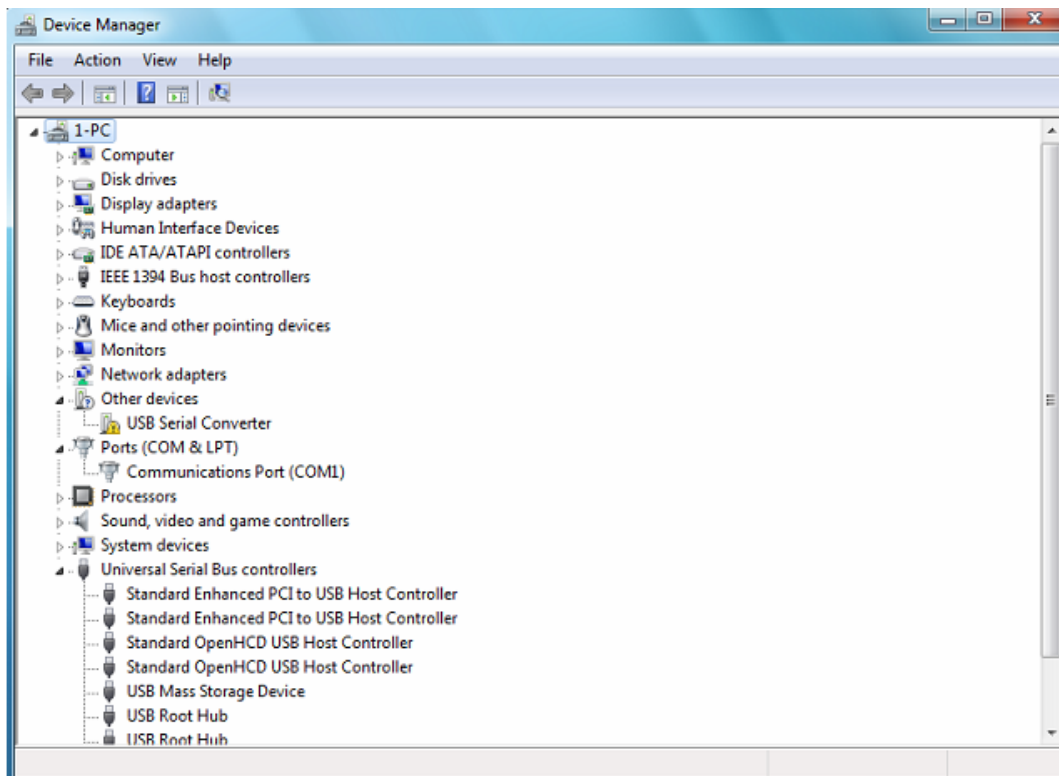
Step 3: From the Control Panel window select Hardware and Sound



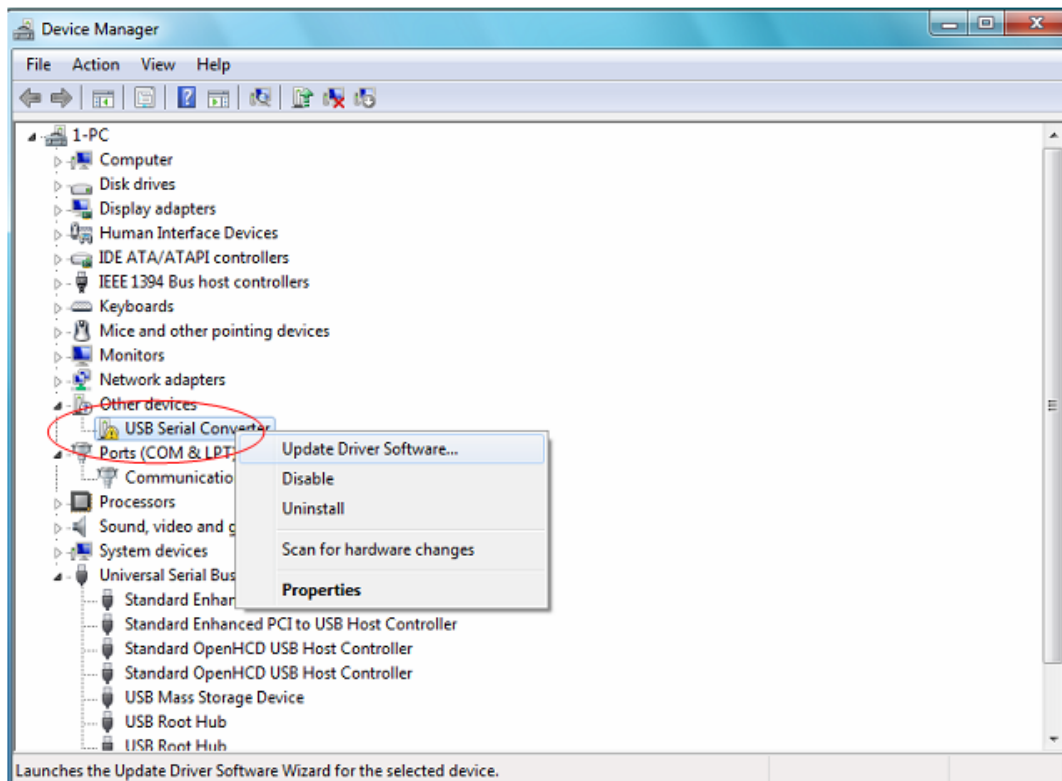
Step 4: At the next screen select Device Manager:



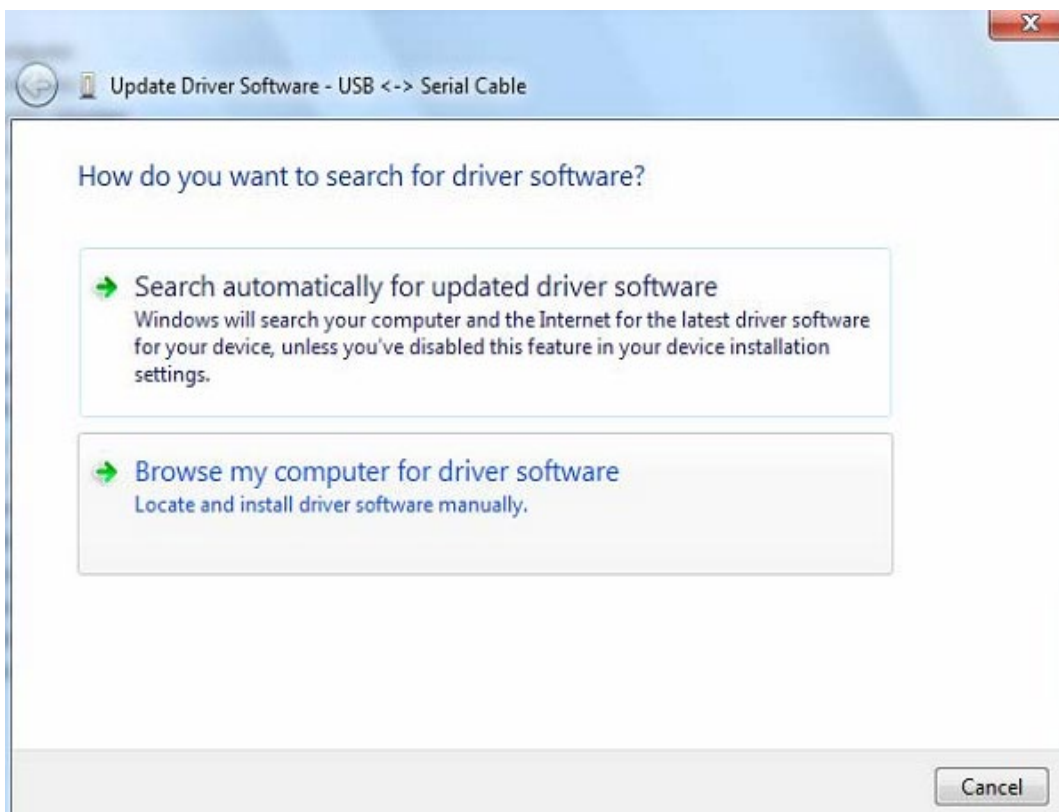
Step 5: In the Device Manager window there will be a device under Other Devices with a yellow warning symbol to indicate a problem ie no driver installed. The text next to this device will depend on the device attached. In this example the devices was “USB Serial Cable” devices.



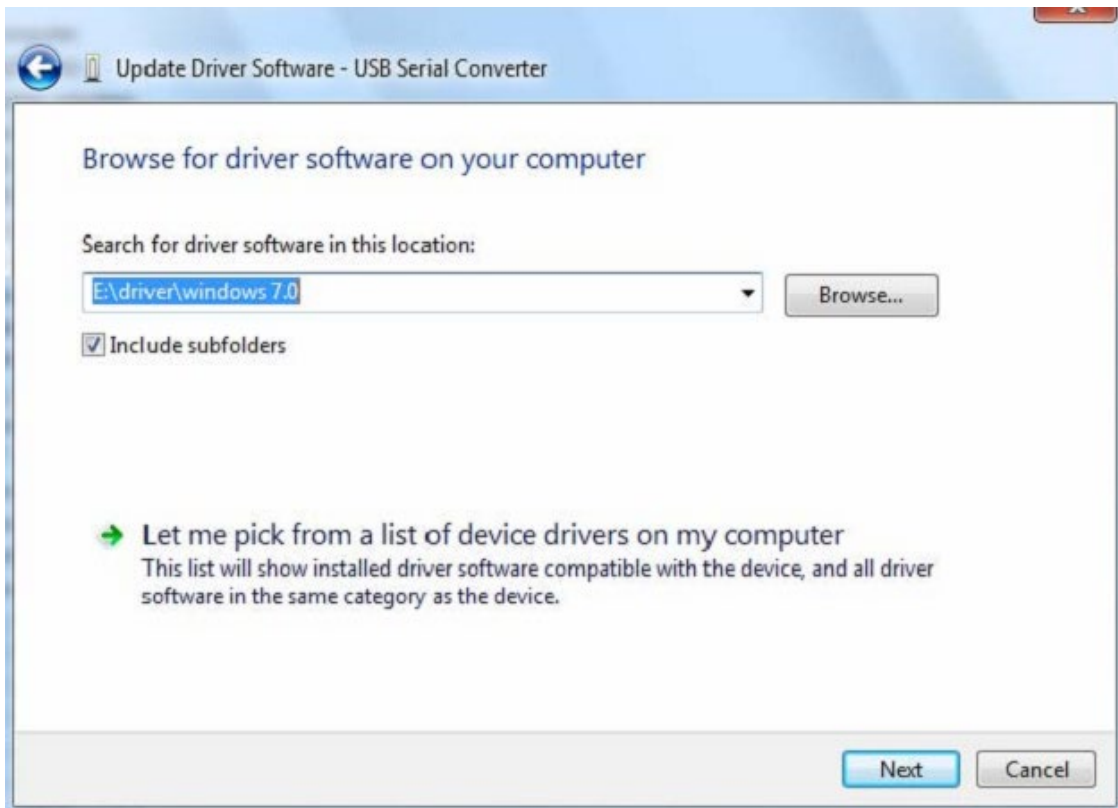
Step 6: Right click on the other device to bring up a menu as shown below. From the displayed menu select “Update Driver Software...” This then displays the option for an automatic search or a manual search.



Step 7: Select the second option to browse manually.



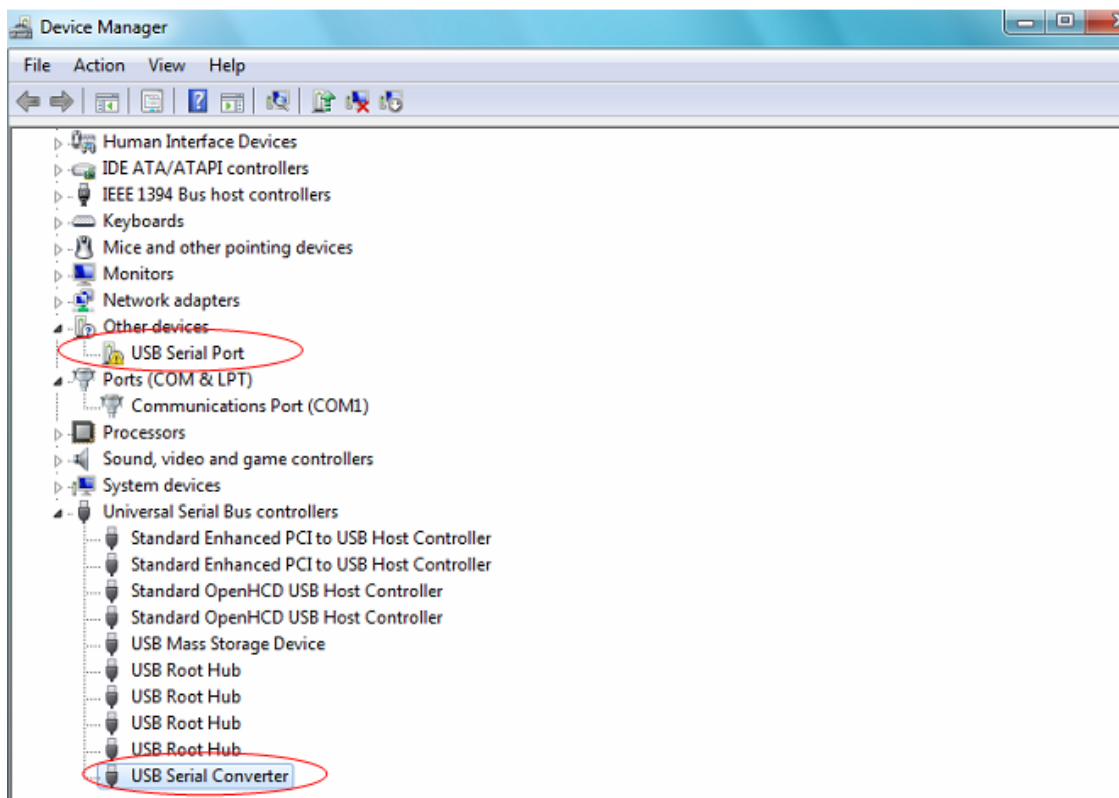
Step 8: click “Browse” and choose the corresponding OS driver in CD. Click “Next” to continue



Step 9: When the installation has finished a completion screen is displayed.

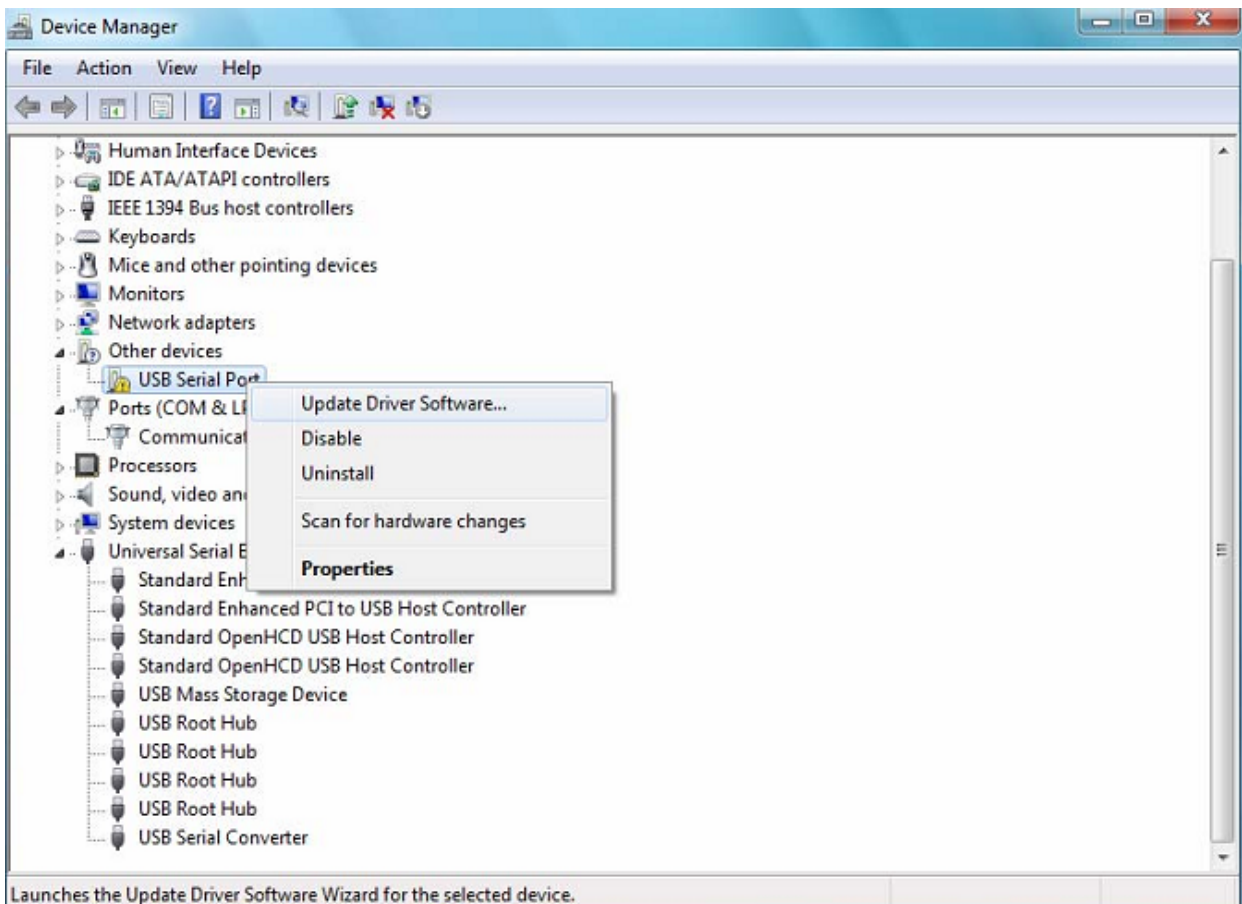


Step 10: Press Close to close this window and go back to the Device Manager Window.

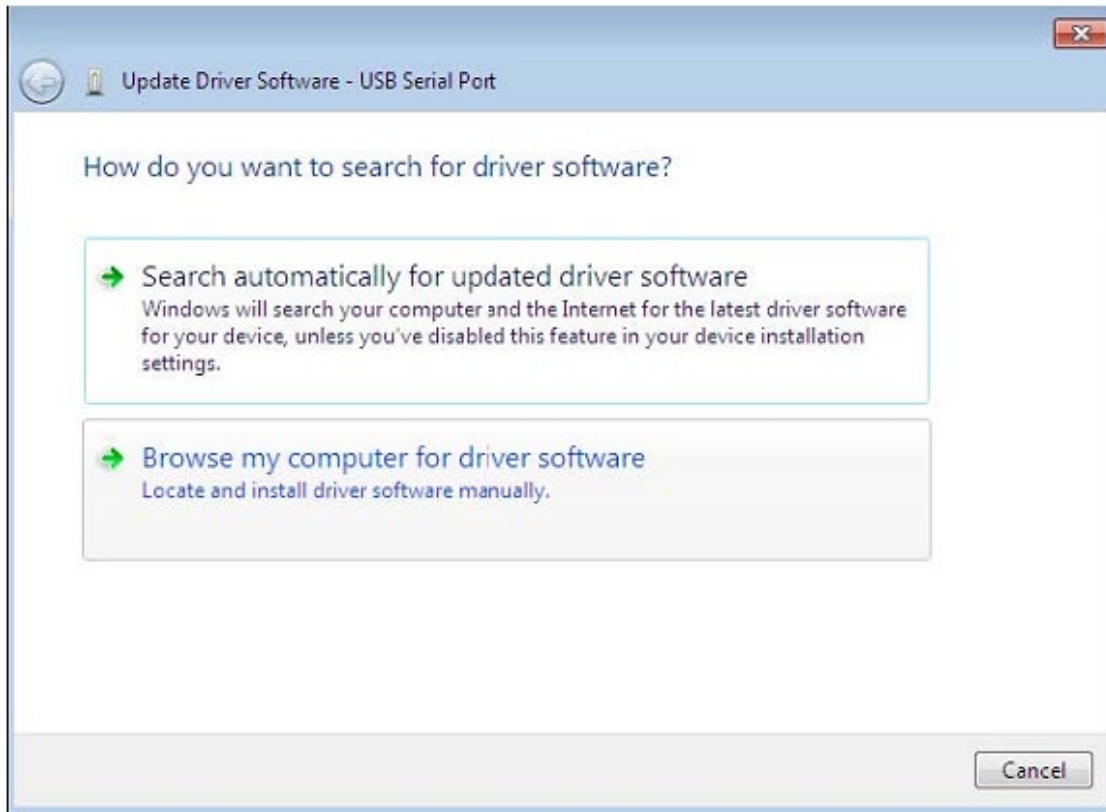


The Device Manager will still show a device under Other Devices but in addition to this there is a new entry under Universal Serial Bus Controllers indicated in the screenshot above as the USB Serial Converter. This indicates the bus layer of the driver is installed. Installing the Virtual Com Port layer of the driver is almost a repeat of the last few steps.

Step 11: Right click on the other device to bring up a menu as shown below. From the displayed menu select “Update Driver Software...” This then displays the option for an automatic search or a manual search.



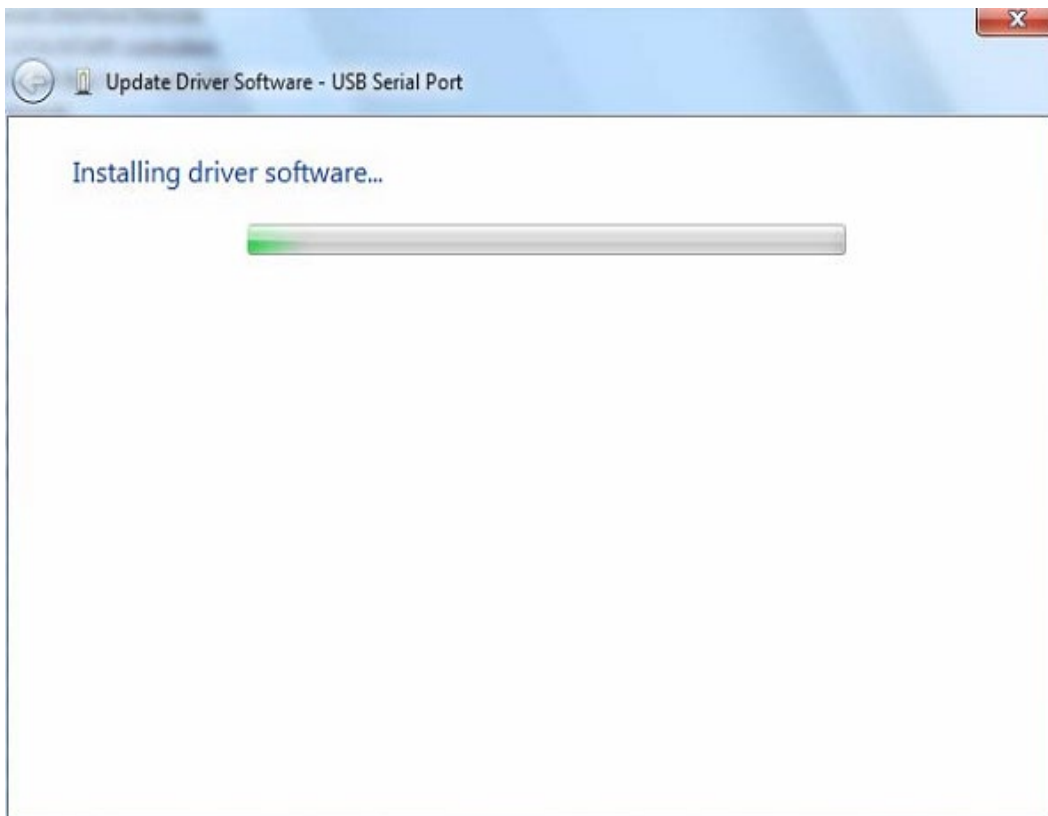
Step 12: Select the second option to browse manually.



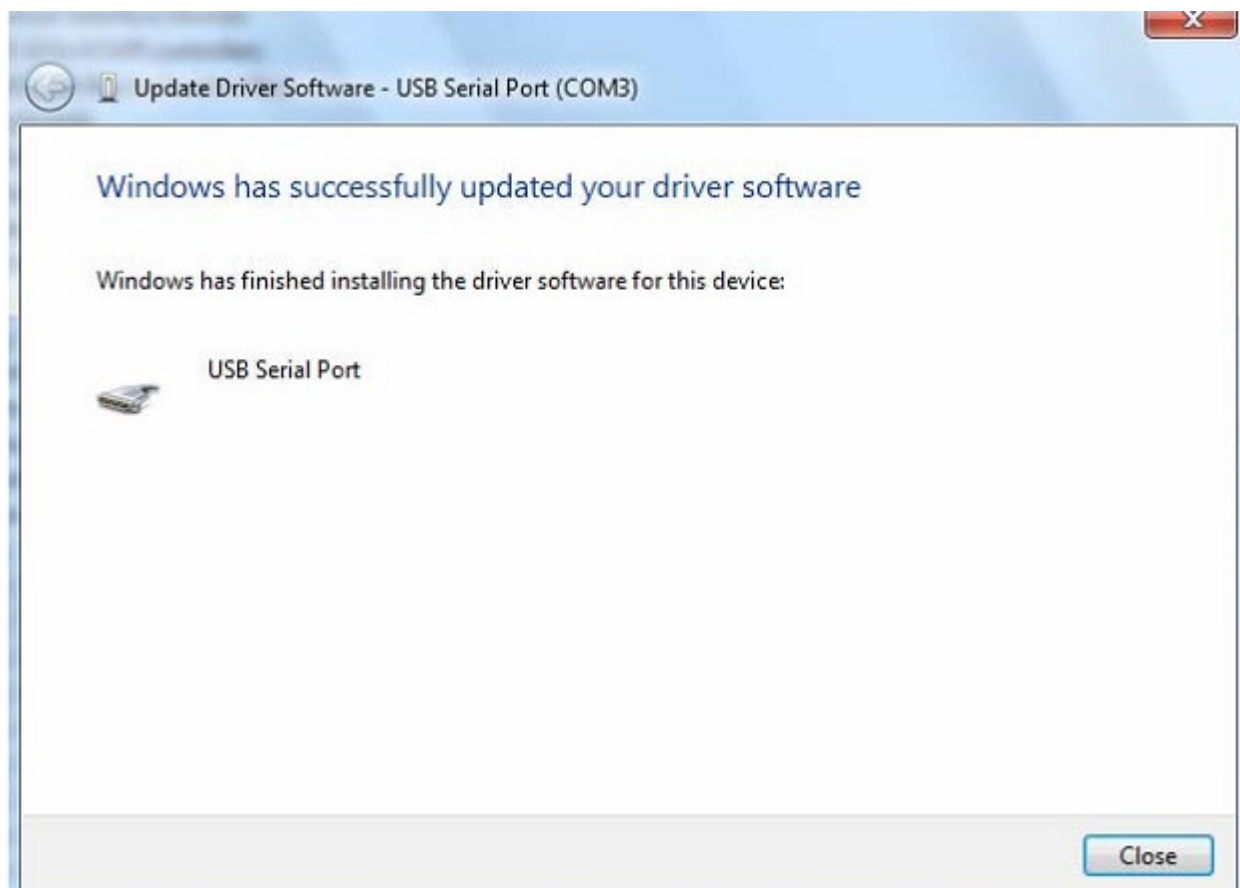
Step 13: click “Browse” and choose the corresponding OS driver in CD. Click “Next” to continue

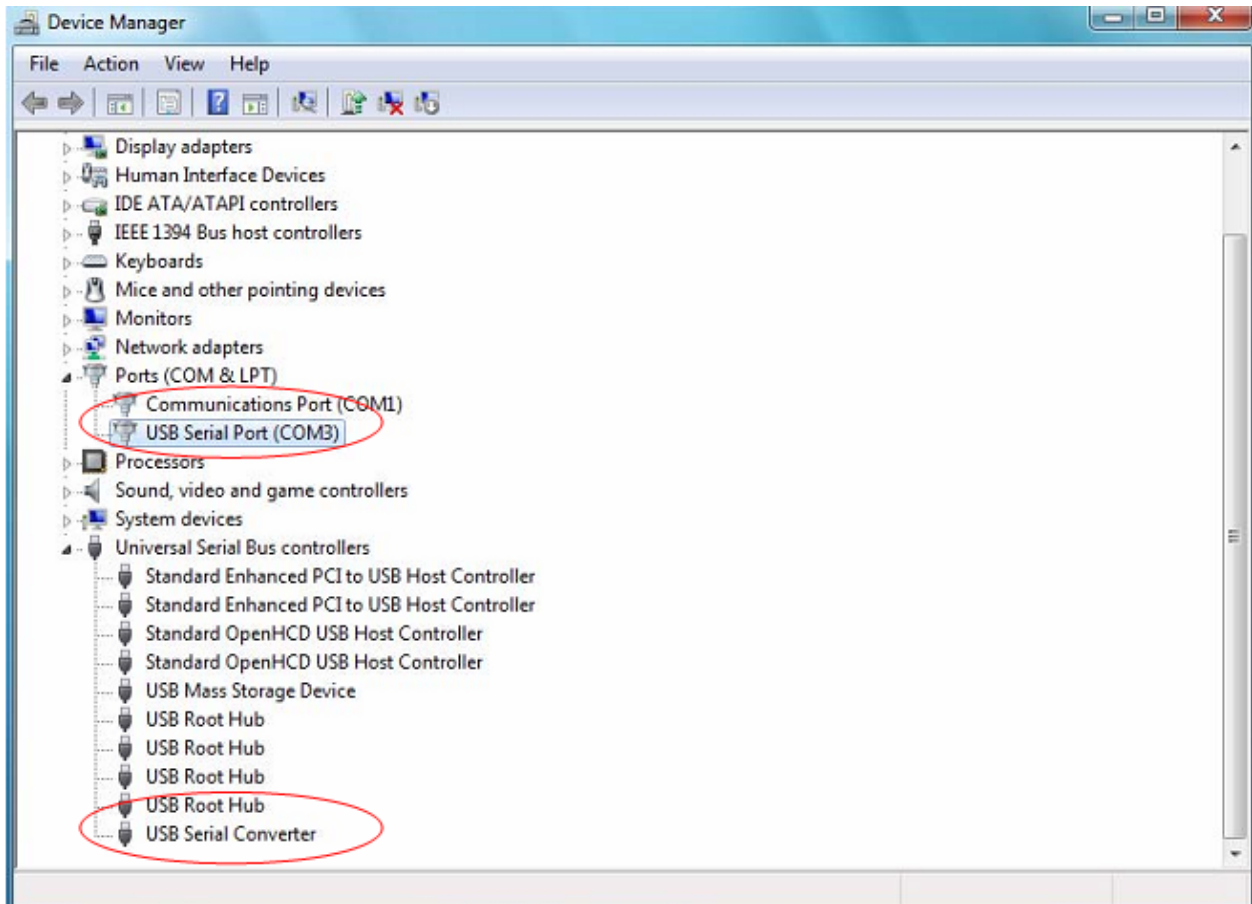


Step 14: When the installation has finished a completion screen is displayed.



Step 15: Press Close to close this window and go back to the Device Manager Window.



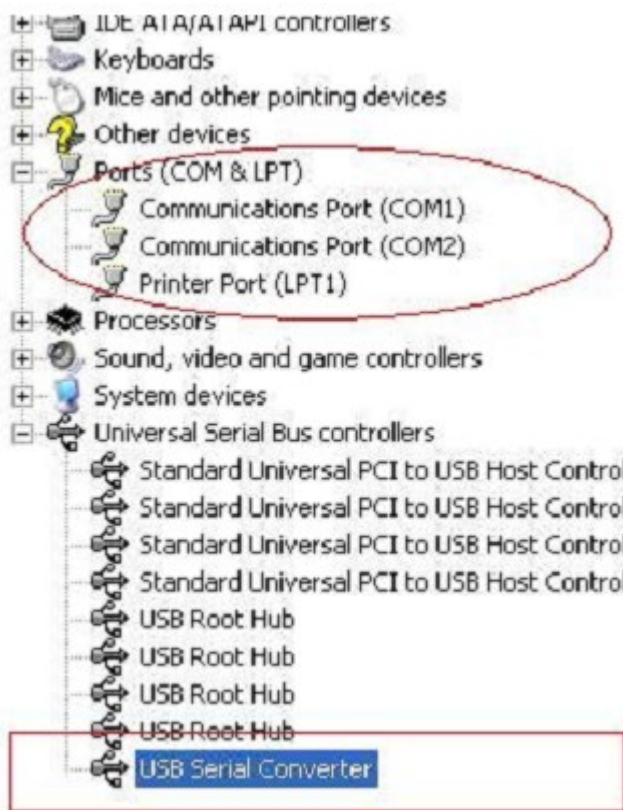


This time the Device Manager does not have a USB <->Serial Cable entry under Other Devices but does show entries under Universal Serial Bus Controllers and Ports (COM & LPT). The above screen shot displays a correct installation. The device is now ready to use on COM3.

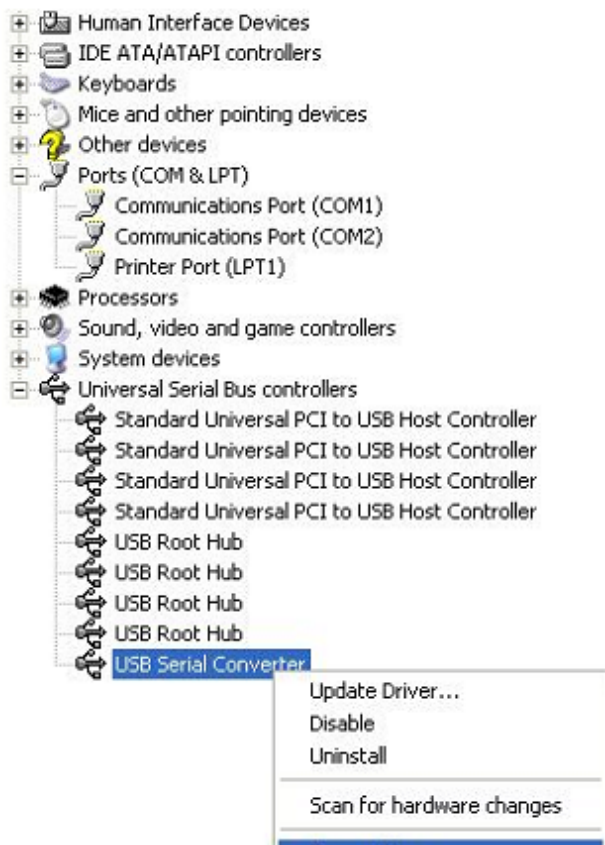
NOTE: Not all devices will install to COM3. The COM port allocation is determined by the installation wizard on the basis of the next free com port as designated in the PC registry.

**Remarks:**

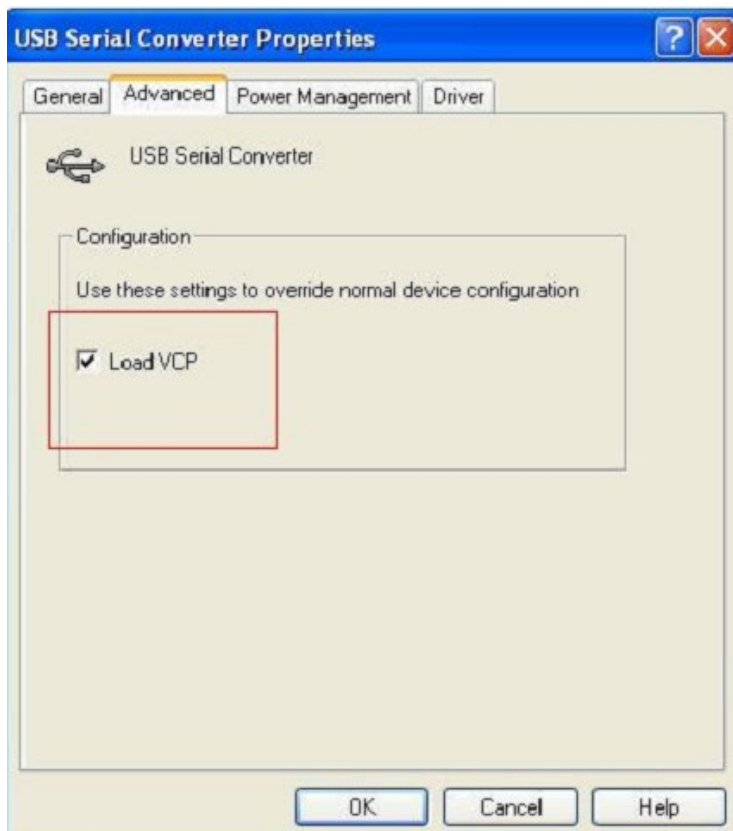
After installation if you can see “USB Serial Converter” from the “Device Manager”, but can’t see “USB Serial Port (COM3)” , please continue next steps.

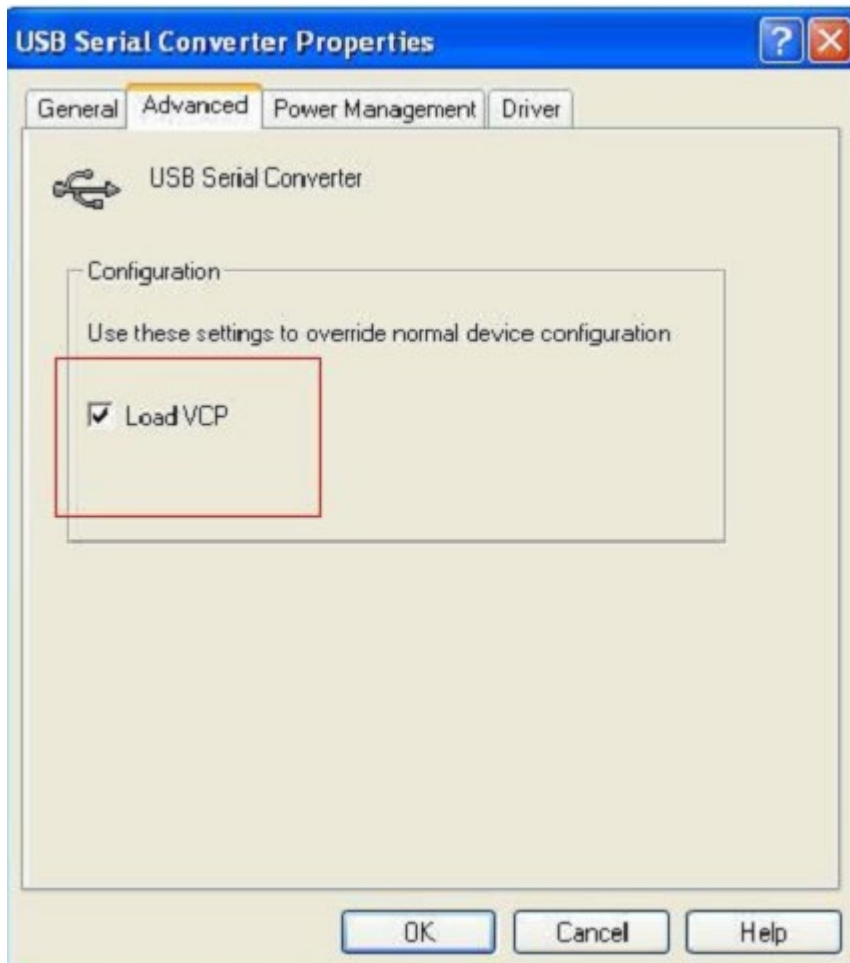


Step A: Right click “USB Serial Converter”, then click “Properties”.

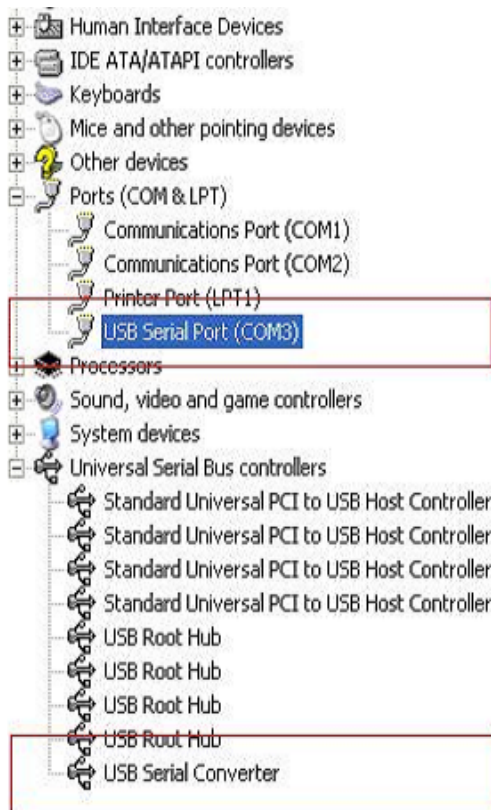


Step B: Select “Load VCP” in the “Advanced”, click “OK”





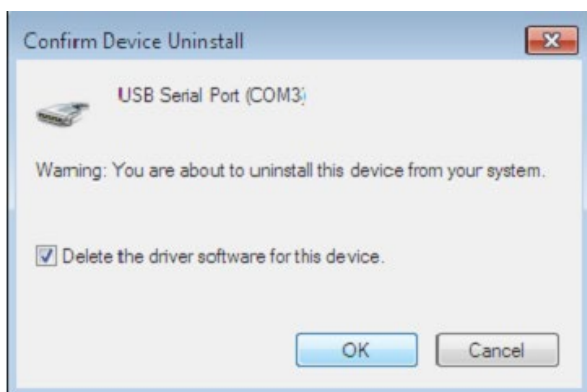
Step C: Move out USB 2.0 TO RS232 on your computer. Connect the device to an old USB port on your PC again, now it's ok , please refer to the following chart:



## Uninstalling PL2303GT Devices

With the release of Microsoft Windows 7/8/8.1, the PL2303GT uninstaller has been rendered unusable due to Windows Resource Protection preventing the executable from deleting driver files and associated registry values. Windows 7/8/8.1 will only allow the system itself to modify files and registry values in these locations.

Devices can be removed using the Device Manager by simply right-clicking on the mouse and selecting "Uninstall". This will delete the associated registry entries for that device only. Windows 7/8/8.1 provides an automatic method to delete driver files via a check box to "Delete the driver software for this device" on the uninstall dialog box.



# Mac OS X Installation Guide

## 1 Welcome to the Mac OS X Installation Guide

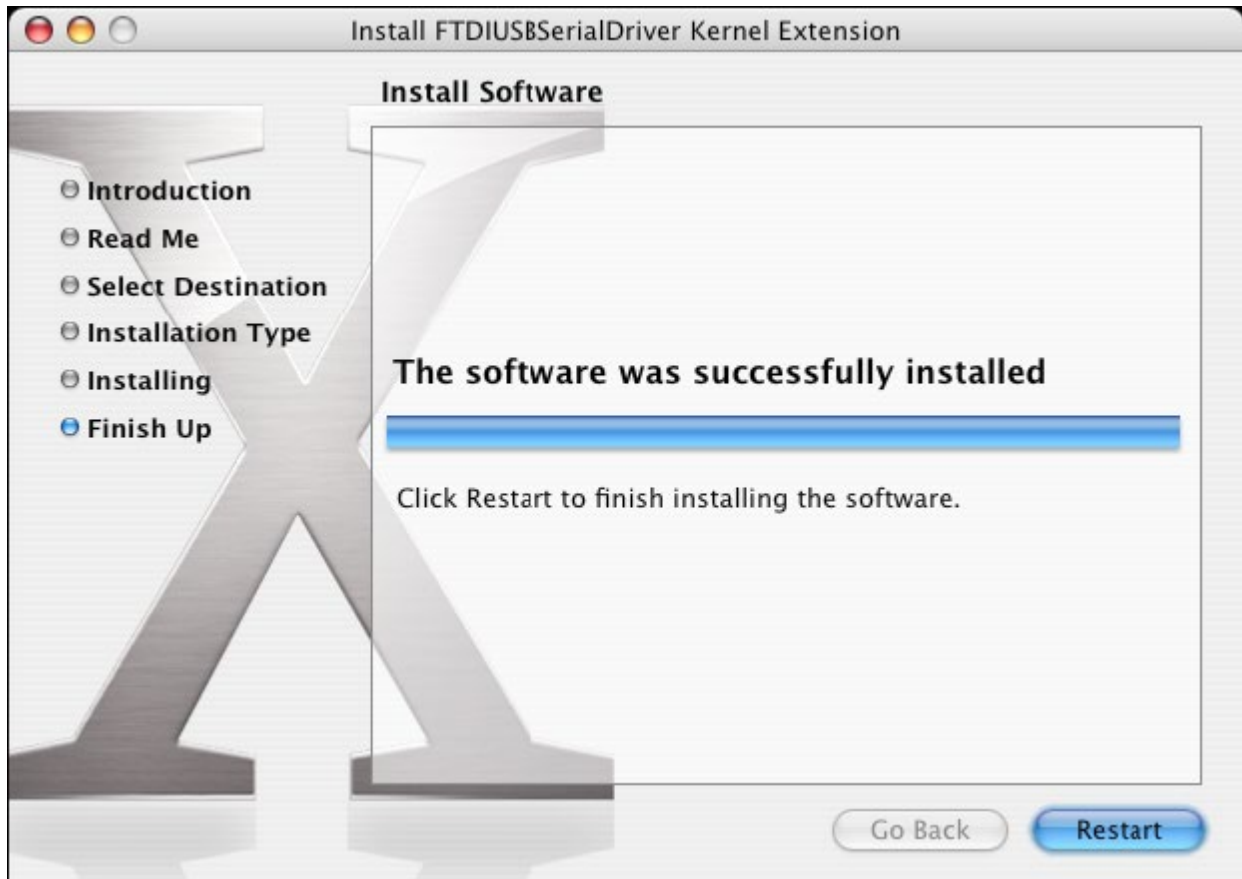
This document describes the procedure for installing the Mac OS X PL2303GTUSBSerial driver for PL2303GT's FT2232C, FT232BM, FT245BM, FT8U232AM and FT8U245AM devices. The driver is available for free download from the Drivers section of the PL2303GT web site.

## 2 Installing PL2303GTUSBSerialDriver

Download the driver from the Drivers section of the PL2303GT web site and save it to the hard disk. The driver is now available in disk image (.dmg) format. Run the installer by double clicking on the PL2303GTUSBSerialDriver.dmg icon.



Click Continue to proceed with the installation and follow the instructions on screen. When the installation is complete, reboot the computer.



When the computer has rebooted, plug in the device. If the device is installed properly, you will see entries in the /dev directory:

```
/dev/cu.usbserial-xxxxxxx
```

```
/dev/tty.usbserial-xxxxxxx
```

where xxxxxxxx is either the device's serial number or, for unserialized devices, a location string that depends on which USB port your device is connected to. Note that for

FT2232C devices port A is denoted by the serial number appended with "A" and port B is designated by the serial number appended with "B". /dev can be accessed through the

Terminal application. The Terminal application can be launched by selecting Go >

Applications > Utilities > Terminal. Type the following lines in the Terminal

window to produce the file list:

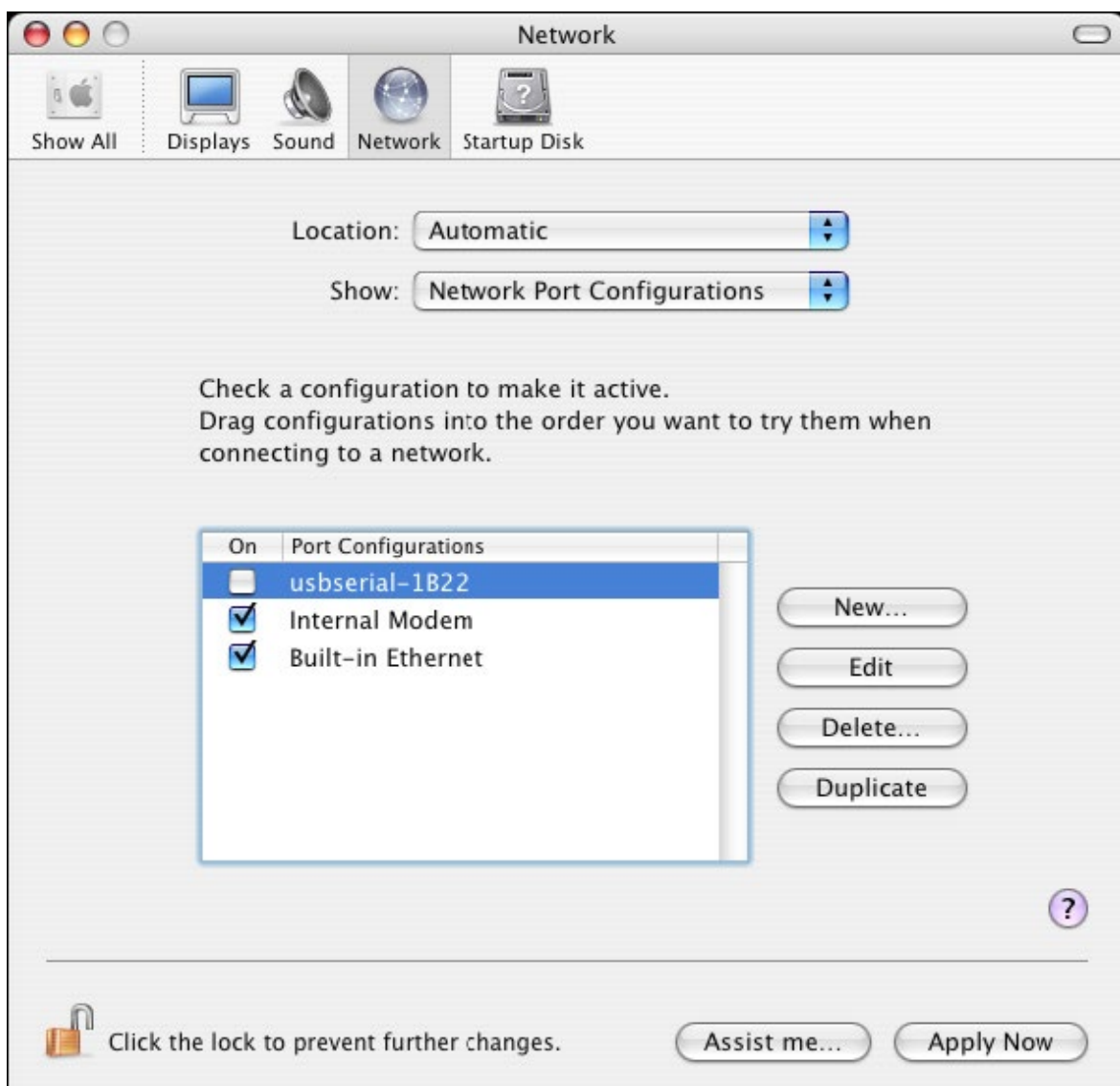
```
cd /dev
```

```
ls-l
```

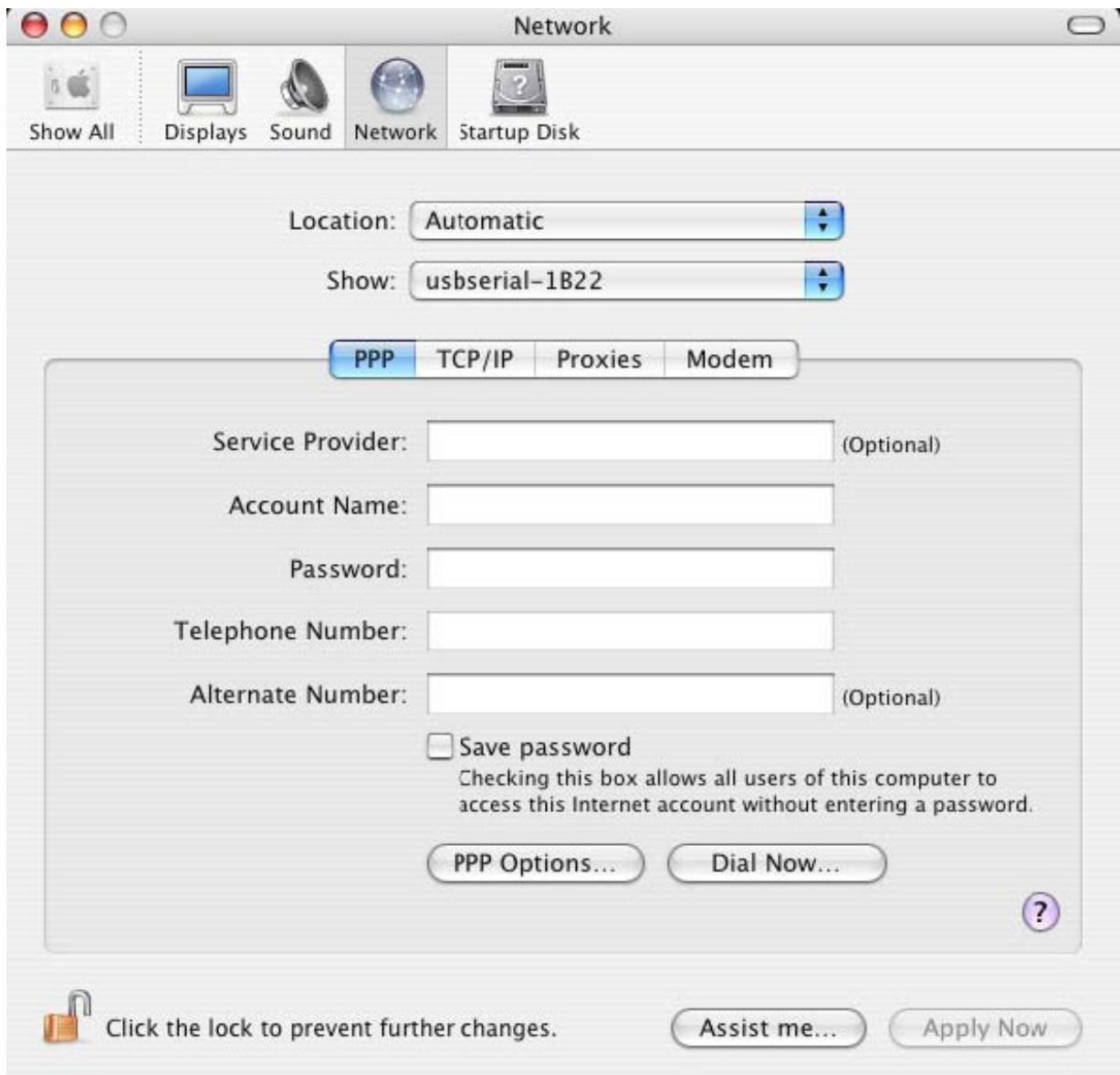
If you run the application System Preferences and select Network (Go > Applications > System Preferences > Network), you should see the text "New Port Detected".



Click OK and select Network Port Configurations from the Show list. The new port can be enabled from this screen by checking the On box and clicking Apply Now.



At this point, it is possible to exit Network and use the device as a COM port. If you wish to set the device up a modem for an Internet connection, select the new port from the Show list to display the window below. Please note that the FT2232C device has two ports available and these must be configured separately.



Entries for this screen are specific to the Internet account for each user. If you do not know the required details, contact your Internet service provider.

### 3 Uninstalling PL2303GTUSBSerialDriver

To remove the drivers from Mac OS X, the user must be logged on as root. Root is a reserved username that has the privileges required to access all files.

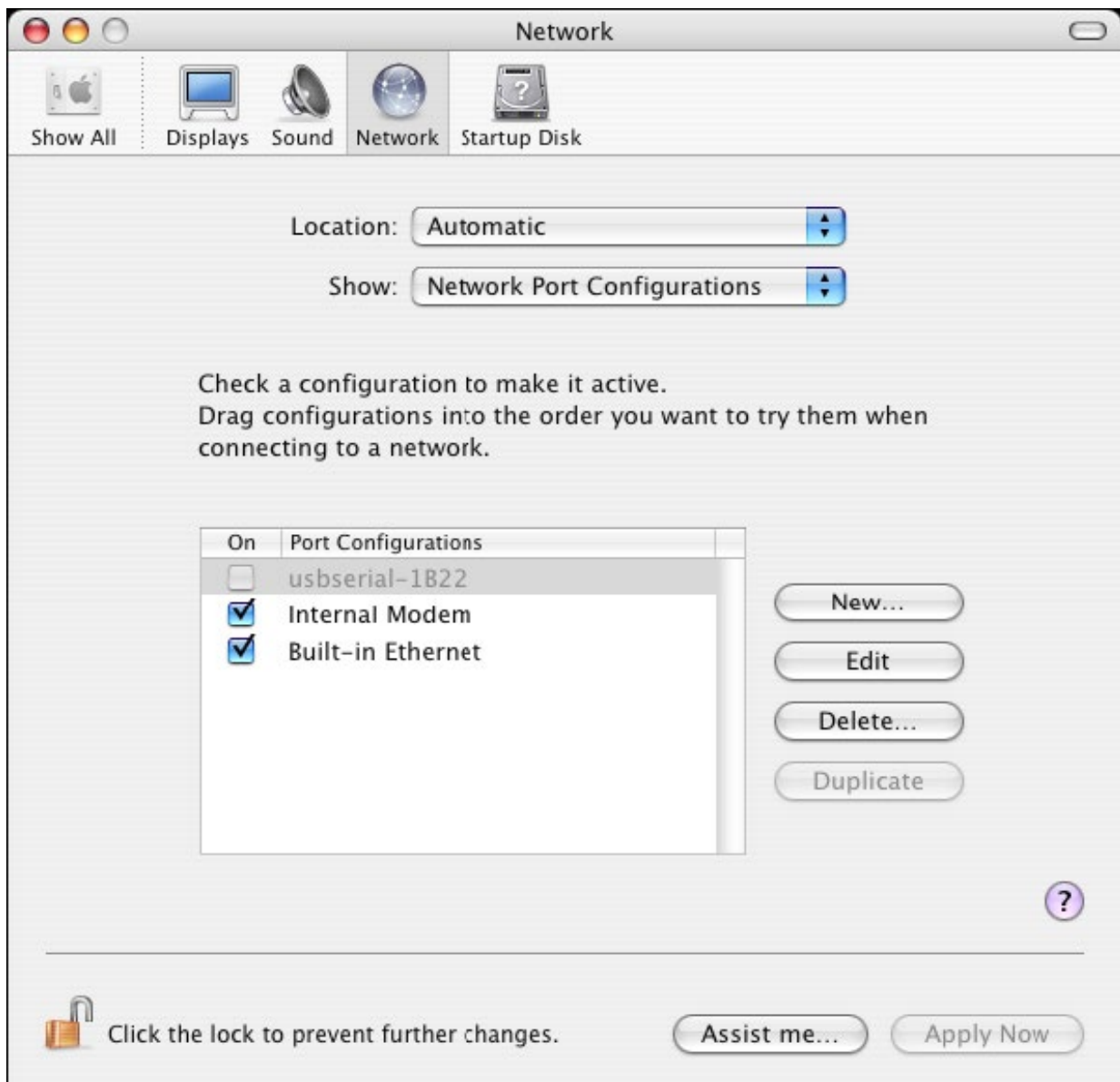
Start a Terminal session (Go > Applications > Utilities > Terminal) and enter the following commands at the command prompt:

```
cd /System/Library/Extensions  
rm -r PL2303GTUSBSerialDriver.kext
```

The driver will then be removed from the system.

To remove the port from the system, run the application System Preferences and select Network. Selecting Network Port Configurations from the Show menu will display the port as greyed out.

Select the uninstalled port and click Delete. Confirm the deletion to remove the port.



#### 4 How do I know what my deviceID is?

Launch the System Profiler utility, or Apple System Profiler for earlier versions of OS X. This can be accessed by going to the Finder and selecting Applications from the Go menu, then open the Utilities folder.

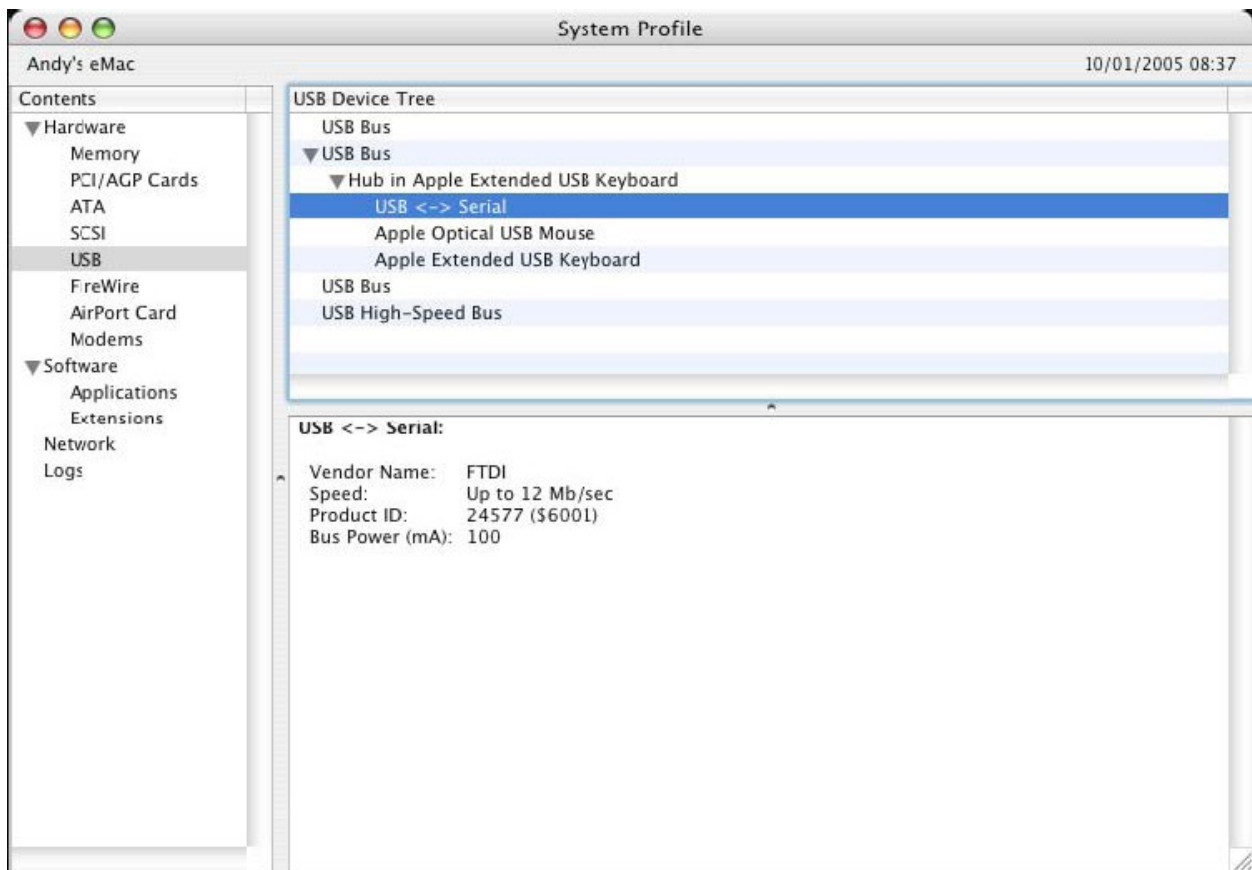
Select USB under Hardware in the pane to the left and then select the appropriate device

from the USB Device Tree. In the screen shot below (from OS 10.3), the device has a deviceID given by:

Vendor Name: PL2303GT

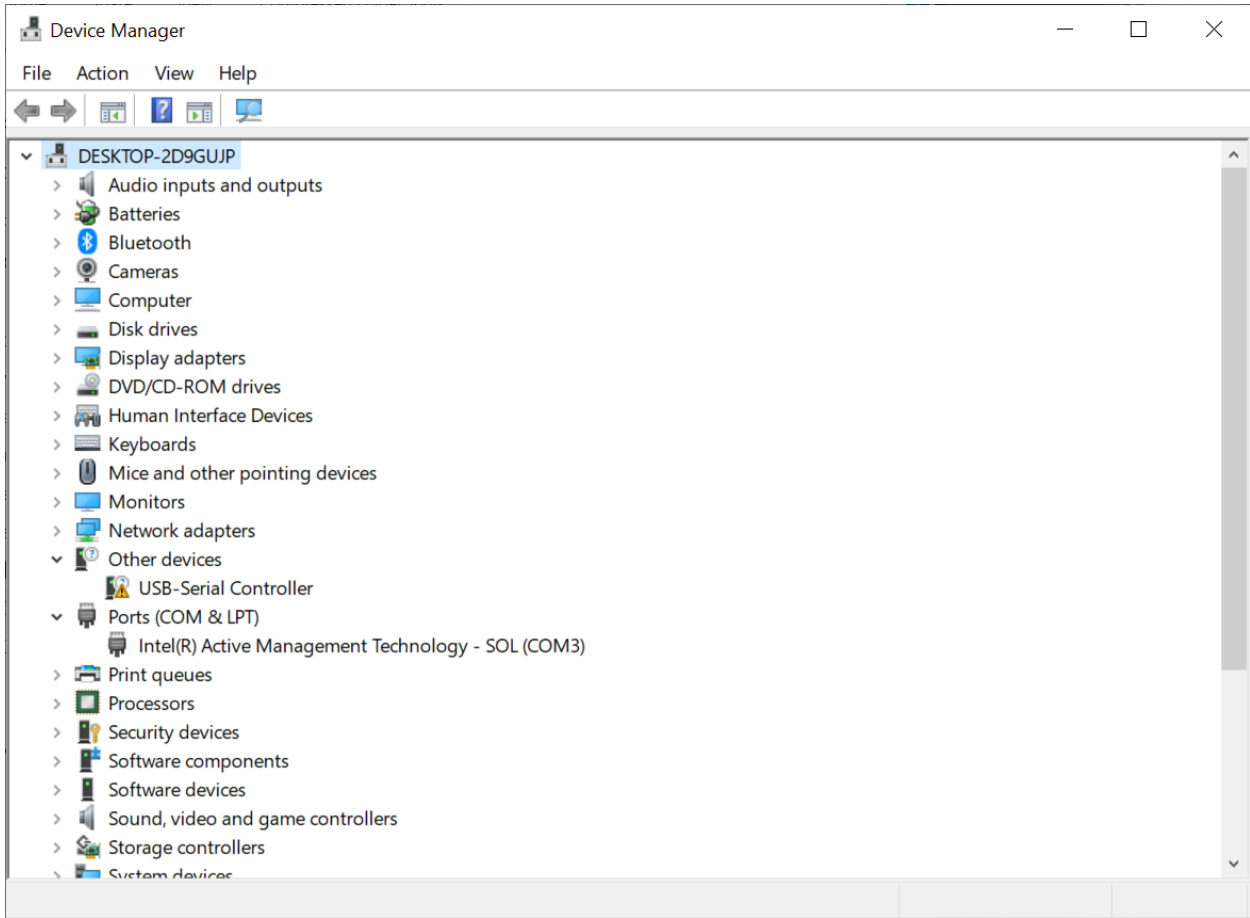
Product ID: 24577 (\$6001)

A Vendor Name of PL2303GT is equivalent to a Vendor ID of 1027 (\$0403).



If the device does not work after installing the driver, it is likely to be because the PID is not supported by the driver. If this is the case, contact PL2303GT Support with the PID that needs to be added to the driver. If the VID is not 0x0403, it is likely that the device is not an PL2303GT device and we cannot support it.

# Windows 11 installation Guide



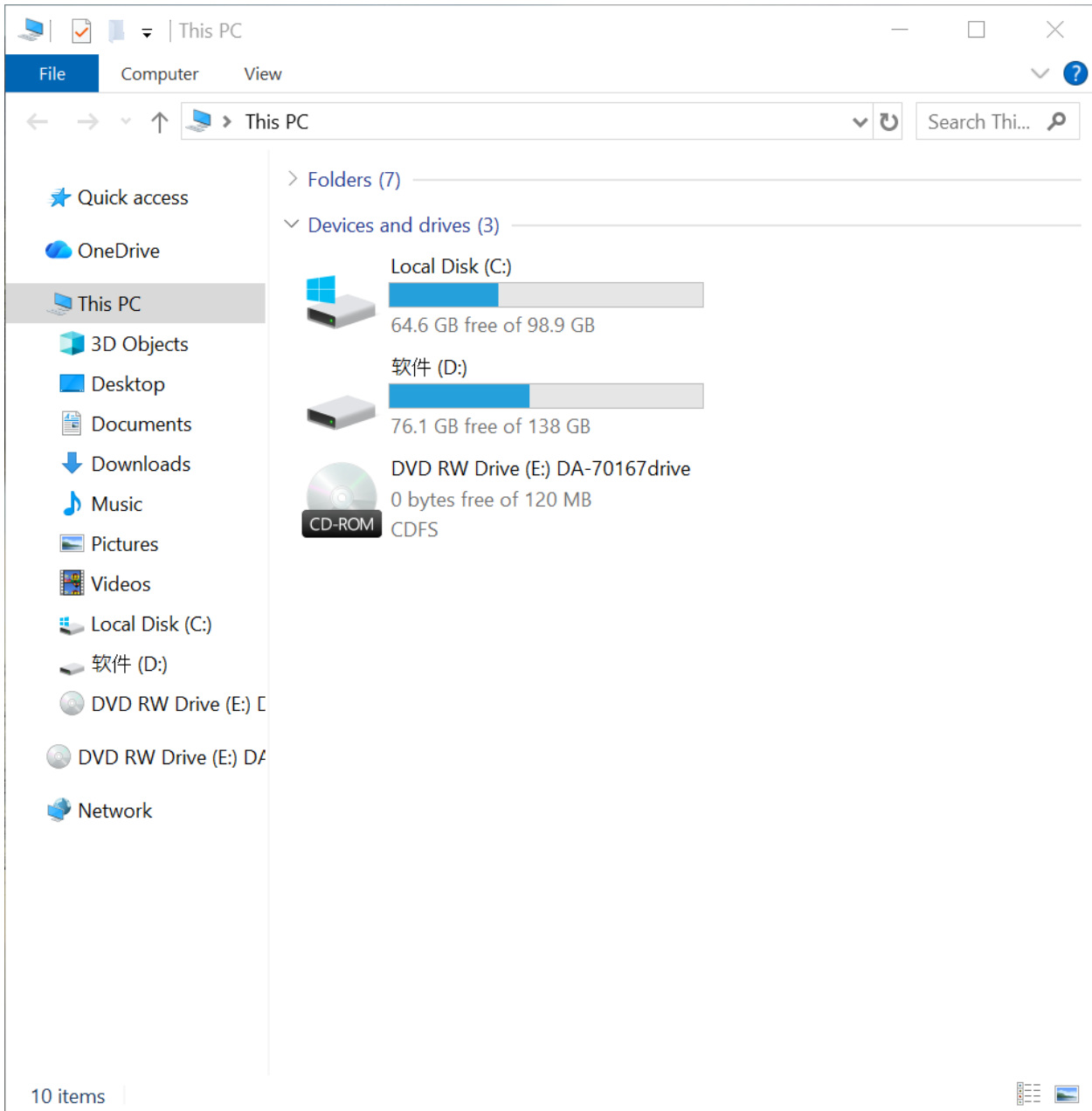
Install the CD on your CD driver, find Disk E as below.

The screenshot shows a Windows File Explorer window titled "DVD RW Drive (E:) DA-70167drive". The address bar shows the path "This PC > DVD RW Drive (E:) DA-70167drive". The left sidebar shows the navigation pane with "DVD RW Drive (E:)" selected. The main pane displays a list of files and folders currently on the disc.

Name	Date modified	Type
Files Currently on the Disc (15)		
Android SDK	10/01/2022 02:40	File
Linux	10/01/2022 02:40	File
MAC	10/01/2022 02:40	File
Windows	10/01/2022 02:40	File
WINDOWSCE	10/01/2022 02:40	File
DA-70167_manual_rev2-0_Dutch	03/07/2020 16:24	Mic
DA-70167_manual_rev2-0_English	03/07/2020 16:24	Mic
DA-70167_manual_rev2-0_French	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_German	03/07/2020 16:24	Mic
DA-70167_manual_rev2-0_Italian	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_Polish	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_Portuguese	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_Russian	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_Spanish	03/07/2020 16:25	Mic
DA-70167_manual_rev2-0_Turkish	03/07/2020 16:24	Mic

15 items

Open the DVD drive as below :



# Open the folder “Windows”

The screenshot shows a Windows File Explorer window titled "Windows". The address bar indicates the current location is "DVD RW Drive (E:) DA-70167drive > Windows". The left sidebar shows the navigation pane with "DVD RW Drive (E:) DA-70167drive" selected. The main pane displays a table of files currently on the disc.

Name	Date modified	Type
Files Currently on the Disc (4)		
PL23XX_Prolific_DriverInstaller_v208	10/01/2022 02:40	File
PL23XX_Prolific_DriverInstaller_v301-WIN11	10/01/2022 02:40	File
Read me v208	22/12/2021 04:41	Text
Read me v301	22/12/2021 04:41	Text

4 items

Find the file of driver installer v301-win 11, click it and install it completely.

The screenshot shows a Windows File Explorer window with the following details:

- Title Bar:** PL23XX\_Prolific\_DriverInstaller\_v301-WIN11
- Navigation Bar:** File, Home, Share, View. Address bar: << Windows > PL23XX\_Prolific\_DriverInstaller\_v301-WIN11 >. Search bar: Search PL2...
- Left Panel (Navigation Pane):** Quick access, OneDrive, This PC, 3D Objects, Desktop, Documents, Downloads, Music, Pictures, Videos, Local Disk (C:), 软件 (D:), DVD RW Drive (E:) [D], DVD RW Drive (E:) [D], DVD RW Drive (E:) DA, Network.
- Main Content Area (Table):**

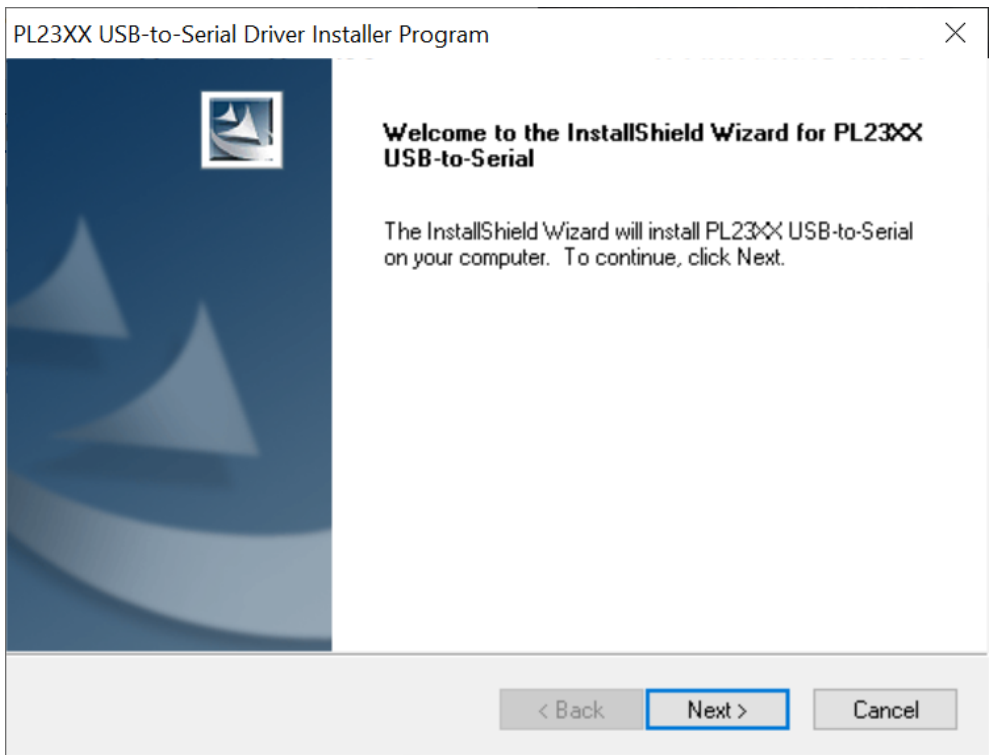
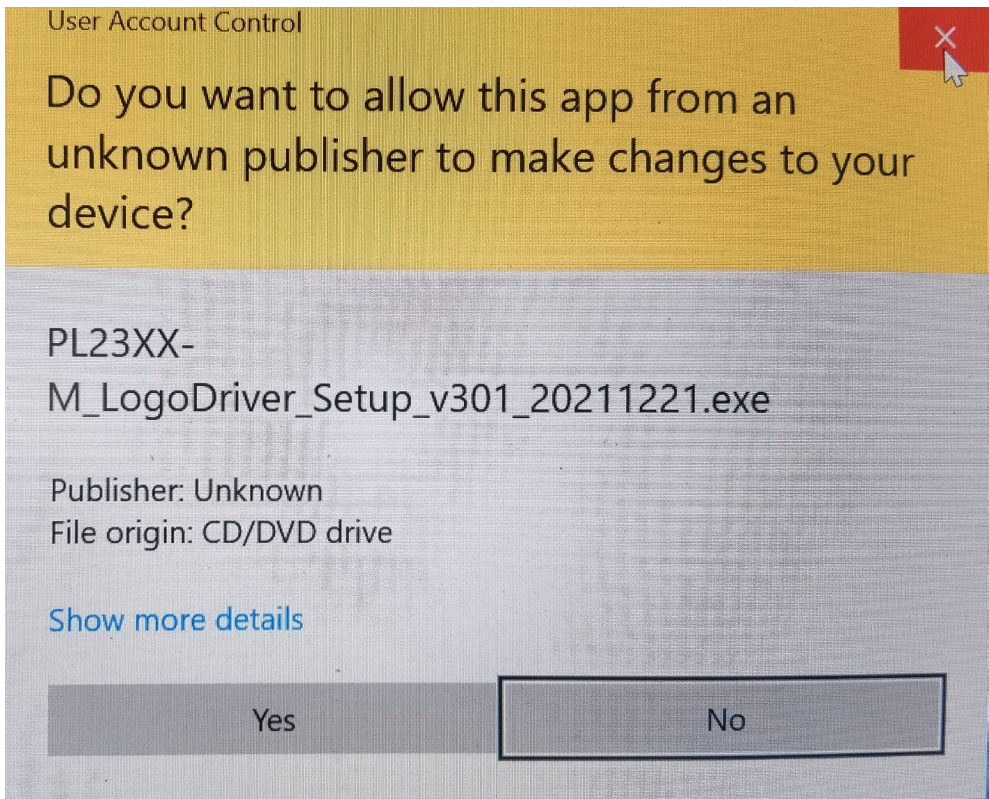
Name	Date modified	Typ
PL23XX_CheckChipVersion_ReadMe	07/09/2021 09:15	Text
PL23XX_checkChipVersion_v1020	06/11/2019 02:19	App
PL23XX_DriverInstallerv3.0.1_ReleaseNote	21/12/2021 02:10	Text
PL23XX_Prolific_DriverInstaller_v301	22/12/2021 04:40	Cor
PL23XX-M_LogoDriver_Setup_v301_20211221	21/12/2021 02:04	App
PL2303 Windows Driver Manual v1.23.0	17/06/2019 07:04	Mic

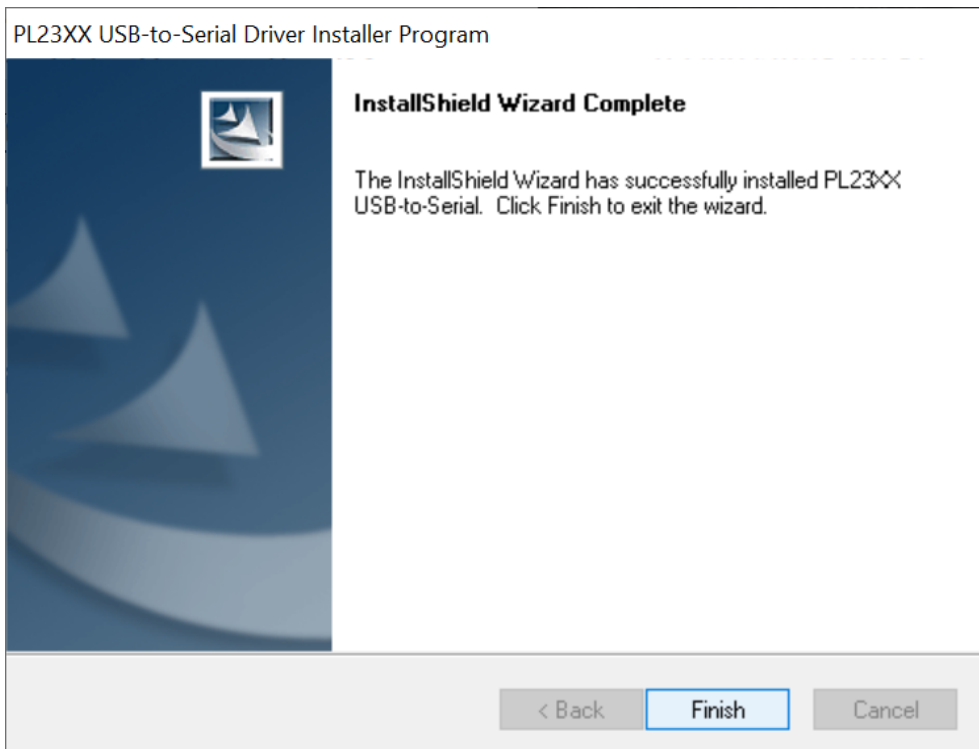
6 items | [View icons]

File Explorer window showing the contents of the folder "PL23XX\_Prolific\_DriverInstaller\_v301-WIN11". The window title is "PL23XX\_Prolific\_DriverInstaller\_v301-...". The address bar shows the path: < Windows > PL23XX\_Prolific\_DriverInstaller\_v301-WIN11. The search bar contains "Search PL2...".

Name	Date modified	Type
PL23XX_CheckChipVersion_ReadMe	07/09/2021 09:15	Text
PL23XX_checkChipVersion_v1020	06/11/2019 02:19	App
PL23XX_DriverInstallerv3.0.1_ReleaseNote	21/12/2021 02:10	Text
PL23XX_Prolific_DriverInstaller_v301	22/12/2021 04:40	Cor
PL23XX-M_LogoDriver_Setup_v301_20211221	21/12/2021 02:04	App
PL2303 Windows Driver Manual v1.23.0	17/06/2019 07:04	Mic

6 items | 1 item selected 3.12 MB





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