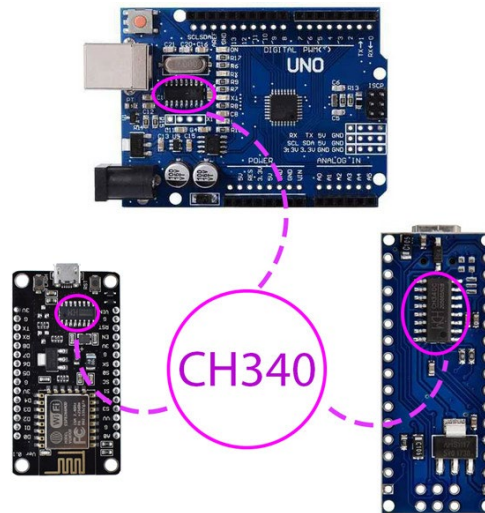


How to Install CH340 Driver on Windows

What is CH340?

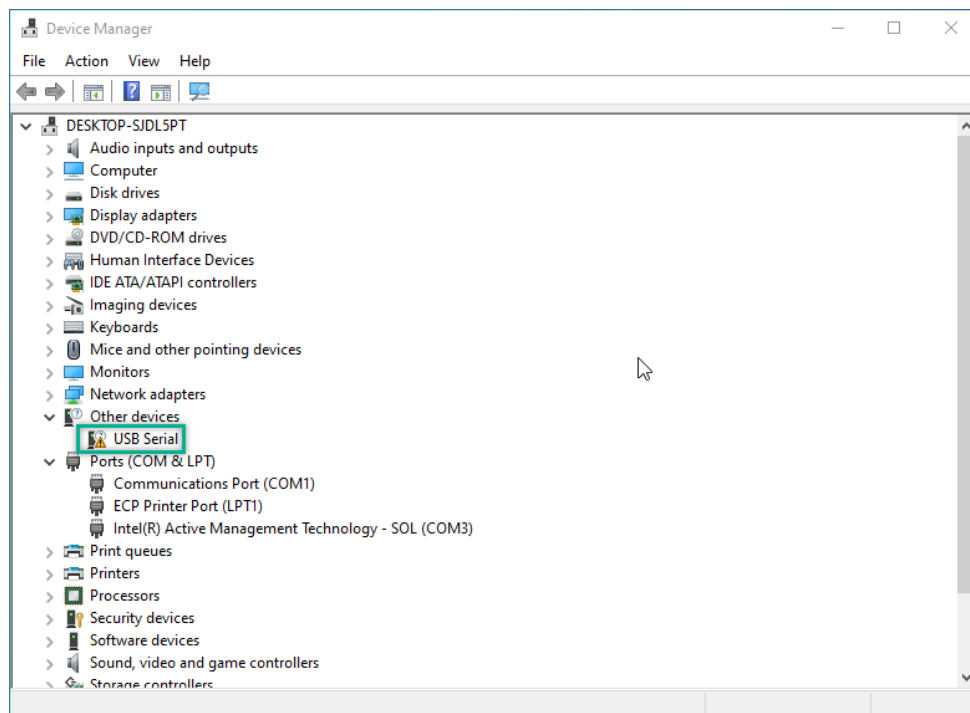
CH340 is a TTL (serial) to USB converter and vice versa. This chip has been used in some boards such as Arduino boards (non-original Arduinos), ESP8266, etc. The boards using the CH340 chip, don't need a programmer in order to access the processor or to program them.

But there is a downside. An extra driver must be installed before starting to work with boards having this IC. In this tutorial, you will learn how to install the CH340 driver.



If you connect your board to the computer before installing the driver, your computer will not recognize the board correctly and you will see following image in Device Manager.

To open Device Manager, search for it in the Windows Start menu.

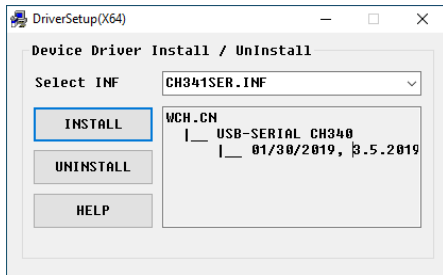


Step 1: Downloading the driver

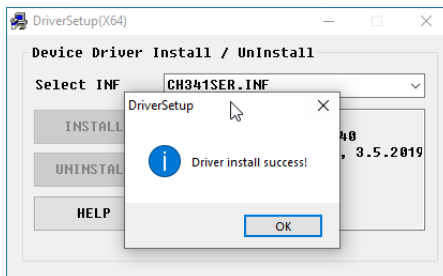
First, download the CH340 driver from the this link. (<https://electropeak.com/learn/download/ch341ser-exe/>)

Step 2: Installing the driver

After downloading the driver, open it and click Install.



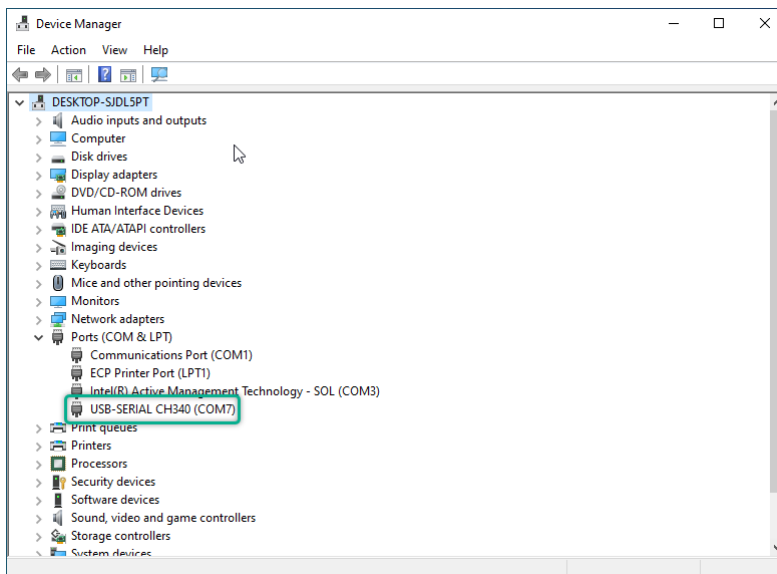
After successful installation you should see this message.



NOTE: In some cases, you may need to reset Windows after the driver installation is complete.

Step 3: Checking Correct Driver Installation in Device Manager

If your driver has been installed correctly, and if you connect your board to a computer, then you can see its name and port number in the Port section. For example, my board is connected to COM7.



References :

<https://sparks.gogo.co.nz/ch340.html>

http://www.wch.cn/download/CH341SER_EXE.html

<https://learn.sparkfun.com/tutorials/how-to-install-ch340-drivers/all>

CEZERI_uPY_ESP32

Problems and Solutions: