

CYPRESS CDC DRIVER INSTALLATION Feb 9, 2026 Rev-1.0

The USB Serial products by cypress can all be connected to Windows or Linux OS platforms to configure devices. In this document we focus on the driver installation process for CDC mode in Windows platform.

When the device is configured in CDC mode – the device once connected to the host, can bind to either Windows native driver or Cypress provided driver.

Windows native Driver Maximum speed support – 1 Mbps

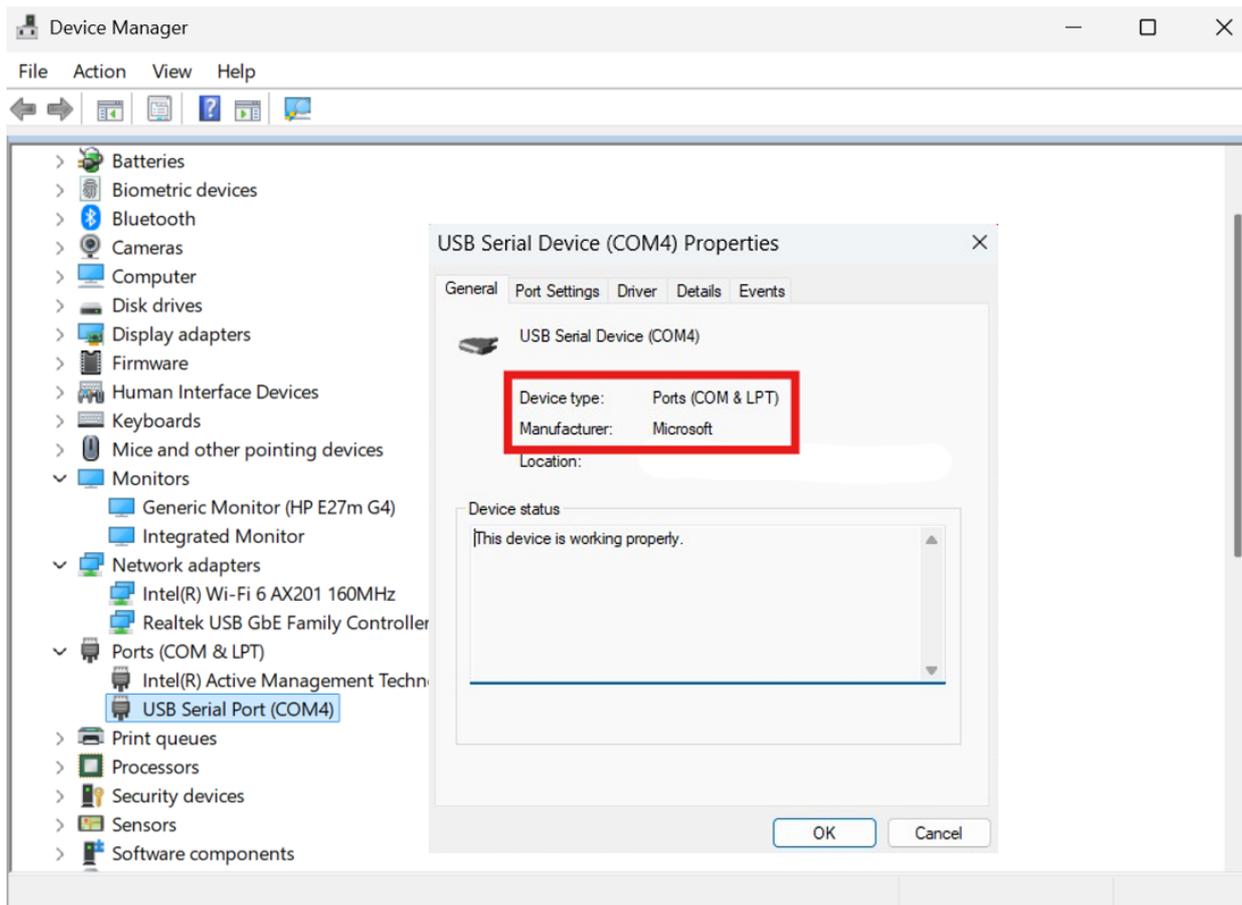
Cypress Driver maximum speed support - 3 Mbps

The Cypress Driver provided (version 3.13.0.84) has been Windows 10 logo certified. But it works on Windows 11 systems also. (has been tested and verified)

In an ideal case, when you connect the USB Serial Device to the Windows PC, it should on its own fetch the Cypress driver and bind to that driver. This will make the device enumerate as COM port and allow you to talk to the device through this port.

What to do when Cypress driver is not fetched or error occurs?

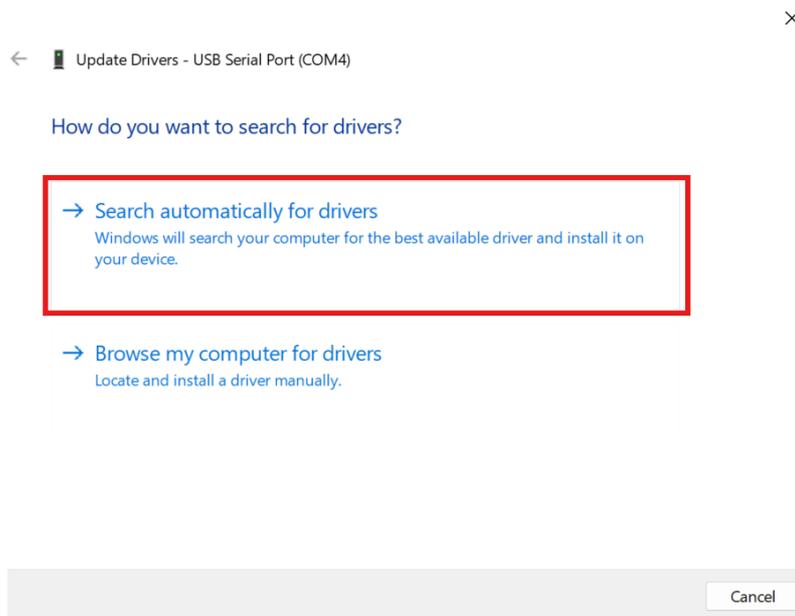
You might see an image like this in your Device manager:



SOLUTION 1:

- If the Cypress driver is not fetched – sometimes just performing windows update should work.
 1. First connect your board to the host PC.
 2. Go to the Windows Update option in your settings and perform the updates.

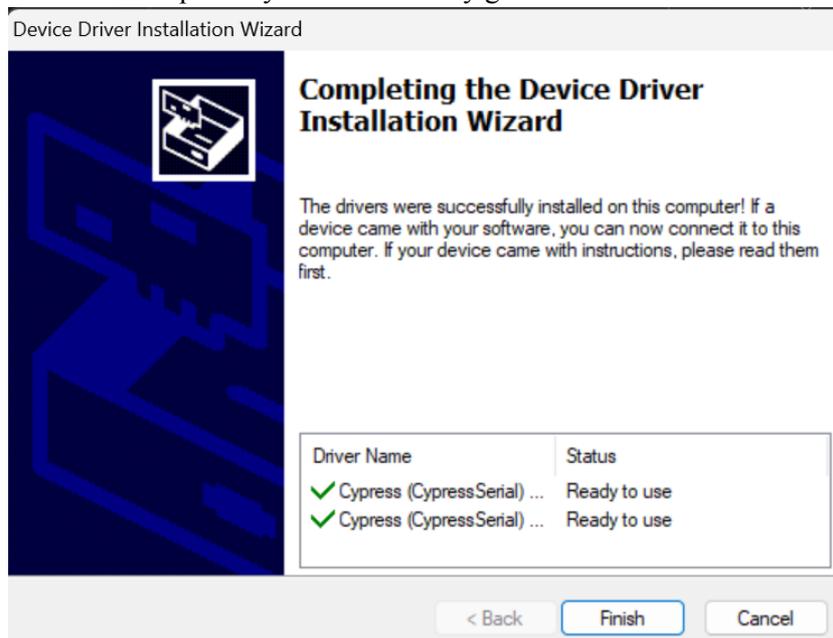
3. After that go to your Device manager and go to the properties of the COM port. Choose “Update Driver” option and “Search automatically for drivers”.



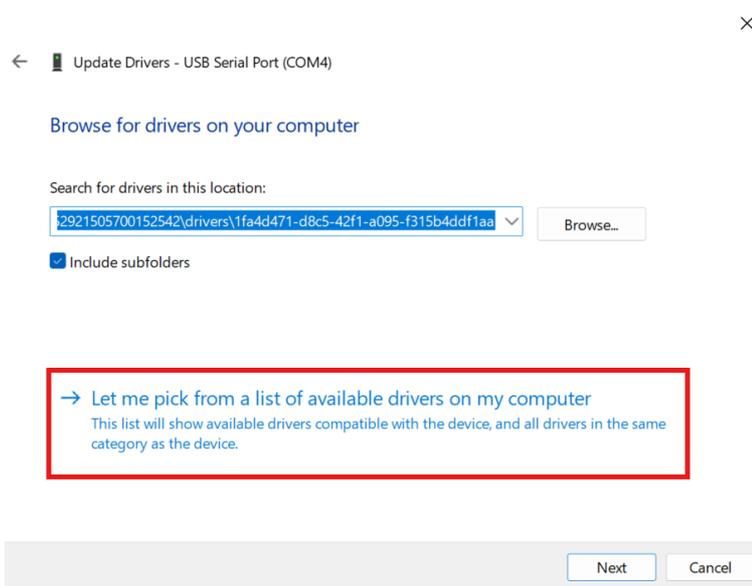
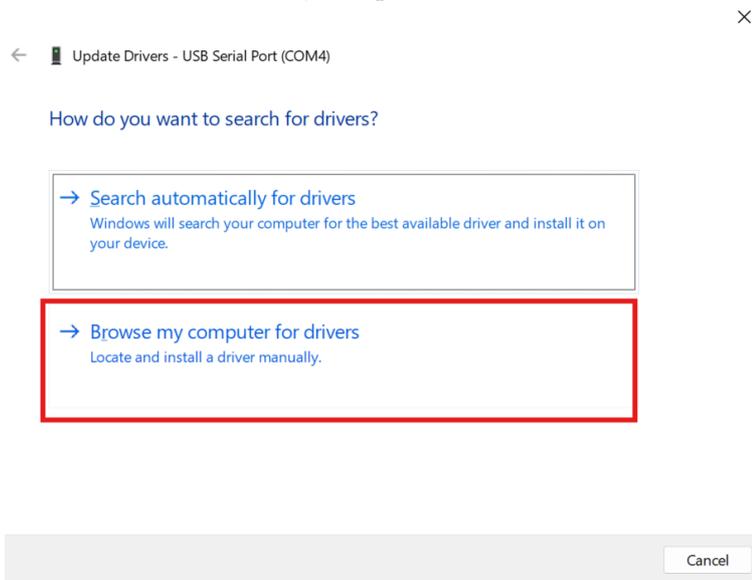
4. After this the host should fetch the Cypress driver and then make the USB Serial device bind to the driver (3.13.0.84). After this the Com port should be available for Communication.

SOLUTION 2:

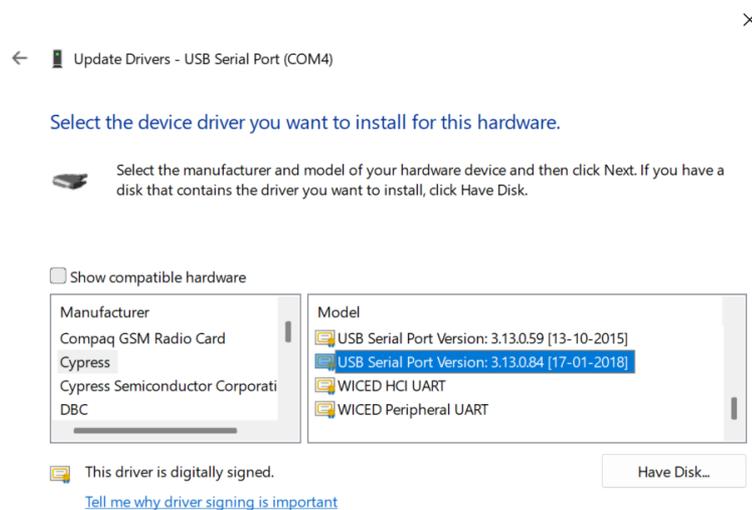
- If the first solution doesn't work you can manually make the device to bind to the driver.
 1. This would require you to manually install the driver onto your system
 - **The driver file can be procured from this community link - <https://community.infineon.com/t5/Knowledge-Base-Articles/USB-Serial-Windows-driver-installer-version-3-13-0-84/ta-p/437432>**
 - Extract the zip file downloaded (CyUSBSerial_driver_v3.13.0.84.zip) and navigate to the “..\CyUSBSerial_driver_v3.13.0.84\CyUSBSerial_driver_3.13.0.84\win10\x64” path or x86 based on system architecture. Run the “dpinst” application. Just follow the very simple installation steps and you should finally get successful installation:



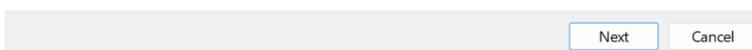
- Once the driver has been installed, go to the device manager and open the properties and choose update driver.
- There choose “Browse my computer for drivers”



4.



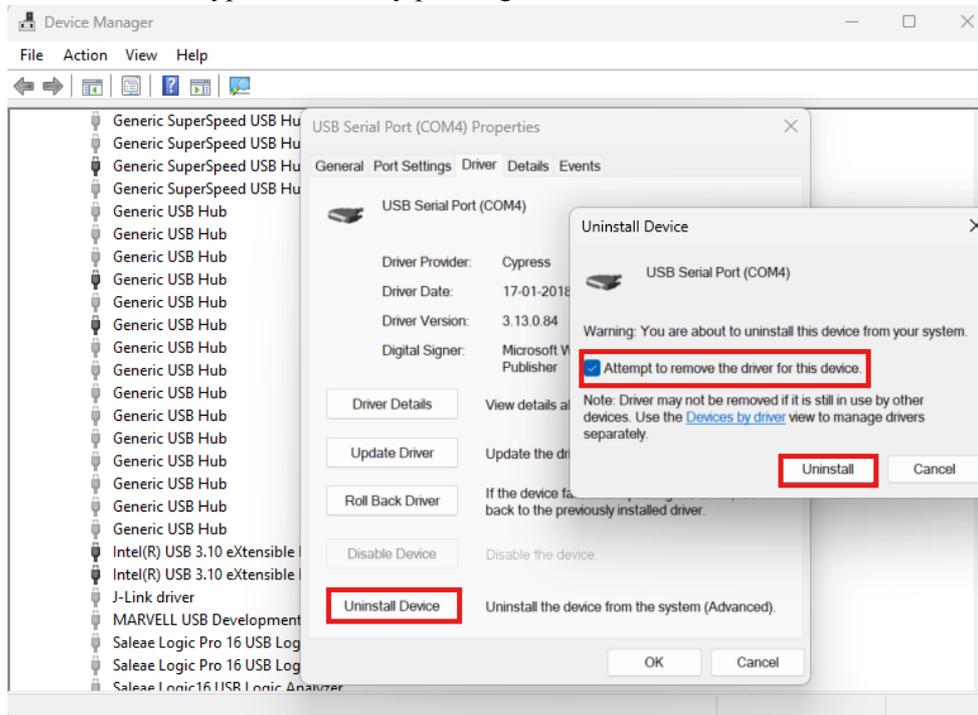
5.



Then uncheck the “Show incompatible hardware”. Then under manufacturer choose Cypress and USB Serial Port Version: 3.13.0.84 under “Model”. You may get a warning – But choose “Yes” for continuing with Installation. After this, your device must have bound to the Cypress driver.

SOLUTION 3:

- This requires to uninstall all devices that are bound to the Cypress Driver.
 1. First open device manager after connecting USB device to the PC.
 2. Open the “View” option on the top and choose the “Show hidden devices option”.
 3. This will make the device manager display all devices that are connected. Go one by one under the “Ports”, “*Universal Serial Bus Controllers*” and “Universal Serial Bus devices” – remove any device that is connected to Cypress Driver by pressing Uninstall device



4. After removing every device, disconnect your USB Serial Device from PC and reconnect the device. This time the Cypress driver should be automatically fetched and it should connect properly without any issues.
5. If it doesn't install the driver - follow the manual way mentioned in Solution 2.