



NOTICE: Jan 2025 – USB Hardware

Xineering USB CH340 Device does not connect to software

Issue: Windows updated the CH340 USB Driver to an unsupported version in late 2024

Unsupported

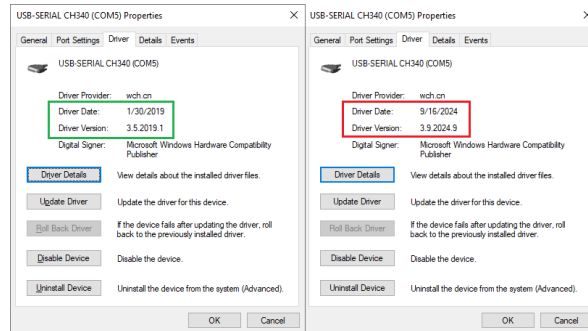
WINDOWS 11 – ver 3.8

WINDOWS 10 – ver 3.9

Supported driver is from 2019

WINDOWS 11 – ver 3.4

WINDOWS 10 – ver 3.5



Solution: Reinstall supported USB Driver from Xineering

1. Download the supported CH340 driver from Xineering Downloads section <https://www.xineering.com/downloads/CH340Driver.zip>
2. Unzip CH340Driver.zip to a folder
3. Run the **SETUP.EXE**

NOTE:

The supported USB driver was included with your original Xineering software download (Downshift Blip Module, PGCU, GCU, etc).

It can also be found on Xineerings Downloads webpage

<https://www.xineering.com/downloads.html>

Search or scroll for “CH340Driver.zip”

Let us know if you have any questions.
We are here to help!

Comprehensive Guide:

1. Check the Current Driver Version

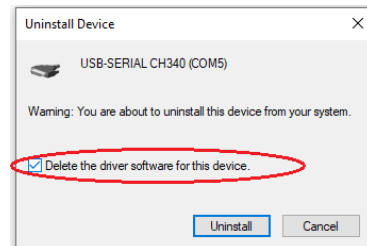
- Connect the Xineering Modules USB to your computer.
- Open **Device Manager** (Windows + X > **Device Manager**).
- Expand the **Ports (COM & LPT)** section.
- Right-click the CH340 device, select **Properties**, and navigate to the **Driver** tab.
- Check the driver version and date.
- **If the driver is newer than the 2019 version**, proceed to roll back or reinstall the compatible version.
- **If NOT**, Contact Xineering@gmail.com

2. Roll Back to the 2019 Driver Version

- IF **Roll Back Driver** button is available in the **Driver** tab
- In **Device Manager**, right-click the CH340 device and select **Properties**.
 - Go to the **Driver** tab and click **Roll Back Driver** (if available).
 - Restart your computer and test the device again.
 - If the rollback option is unavailable, proceed with the manual installation of the 2019 driver.

3. Manually Reinstall the 2019 WCH Driver

- Uninstall the current driver in **Device Manager**
 - Right-click the CH340 device.
 - Select **Uninstall Device** and check **Delete the driver software for this device** (if prompted).
- Restart your computer.



- Download the compatible 2019 driver from Xineering's Download Section **CH340Driver.zip**
- Extract the zip file to a folder
- Install the 2019 driver manually by running the installer
Run **SETUP.EXE**
Example location: **.Downloads\CH340Driver\SETUP.EXE**
It may say failed, click OK
- Reconnect Xineering Modules USB, check driver version and test functionality with Xineering software.



ADVANCED USERS ONLY

4. Block Windows from Updating the Driver Automatically

- Press Windows + R, type **gpedit.msc**, and press Enter.
- Navigate to **Computer Configuration > Administrative Templates > System > Device Installation > Device Installation Restrictions**.
- Enable the policy "**Prevent installation of devices that match any of these device IDs**".
- Add your device's hardware ID to the list:
 - Right-click the CH340 device in **Device Manager**.
 - Go to **Properties > Details** and select **Hardware Ids** from the dropdown.
 - Copy and paste the hardware ID into the group policy configuration.
- Apply the policy and restart your computer.

5. Disable Automatic Driver Updates

1. Press Win + R, type **sysdm.cpl**, and press Enter.
2. Go to the **Hardware** tab and click **Device Installation Settings**.
3. Choose **No (your device might not work as expected)** and save the changes.

6. Install Driver in Compatibility Mode (if having trouble running SETUP.EXE)

1. Download **and extract** the stable 2019 driver from Xineering's Download Section CH340Driver.zip
2. Right-click on the **SETUP.EXE** (installer file) and select **Properties**.
3. Go to the **Compatibility** tab, check **Run this program in compatibility mode for** and choose **Windows 7** or **Windows 8** from the list.
4. Click **Apply** and run the installer.