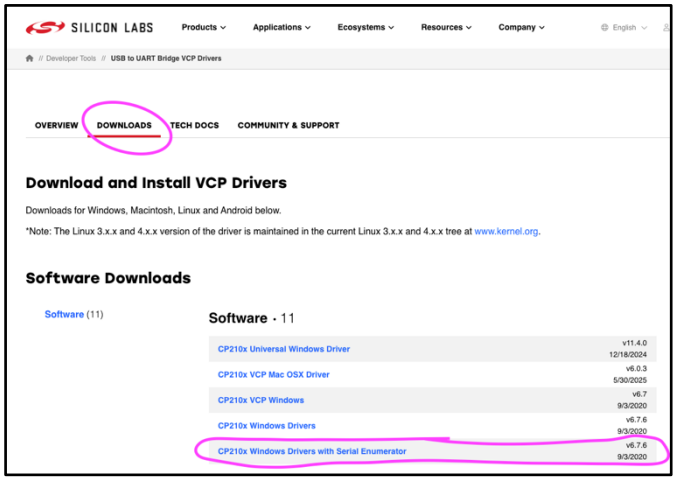
Installation of Arduino drivers

Below are the steps for installing the driver on a Windows-based PC. Drivers are required for **ANY** computer that is using an Arduino for initial programming and/or experiments, including student computers using Windows (10 or 11) and Apple MacOS.



1. If you haven't downloaded the drivers, take the opportunity to download the drivers from the Silicon Labs site: https://www.silabs.com/developer-tools/usb-to-uart-bridge-vcp-drivers
2. Press downloads to show all the downloads
3. **Look for the "CP210x Windows Drivers with Serial Enumerator" driver.**
4. Click the link to download the driver zip file.
5. Unzip the zip file to a folder.
6. Navigate to the newly unzipped folder and look for the file CP210xVCPInstaller_x64.exe
7. Run the file. Windows UAC may require elevation of privileges to install. Click "Yes" to continue the installation.
8. Click "Next" to continue
9. Accept the agreement by clicking the bubble selector and select "Next"
10. Installer will install the drivers
11. Click "Finish" to complete

Note: Windows Arm drivers are only available in the Windows Universal driver package. Follow the CP210x_Universal_Windows_Driver_ReleaseNotes.txt file in the folder to proceed with installation on Arm hardware.

Below is the instructions for installing drivers on Apple MacOS.

1. If you haven't downloaded the drivers, take the opportunity to download the drivers from the Silicon Labs site here
2. Press downloads to show all the downloads
3. **Look for the "CP210x VCP Mac OSX Driver" driver**
4. Unzip the "Mac_OSX_VCP_Driver.zip" file and navigate to the extracted subfolder
5. Mount the DMG file and double click on Silicon Labs VCP Driver. On MacOS 10.13 and later, the installation of the driver may be blocked.
6. To unblock, open the System Preferences Security & Privacy pane and unblock the system extension. See Apple Technical Note TN2459 "User-Approved Kernel Extension Loading" for more information.

Note: Linux and ChromeOS DO NOT require driver installation.