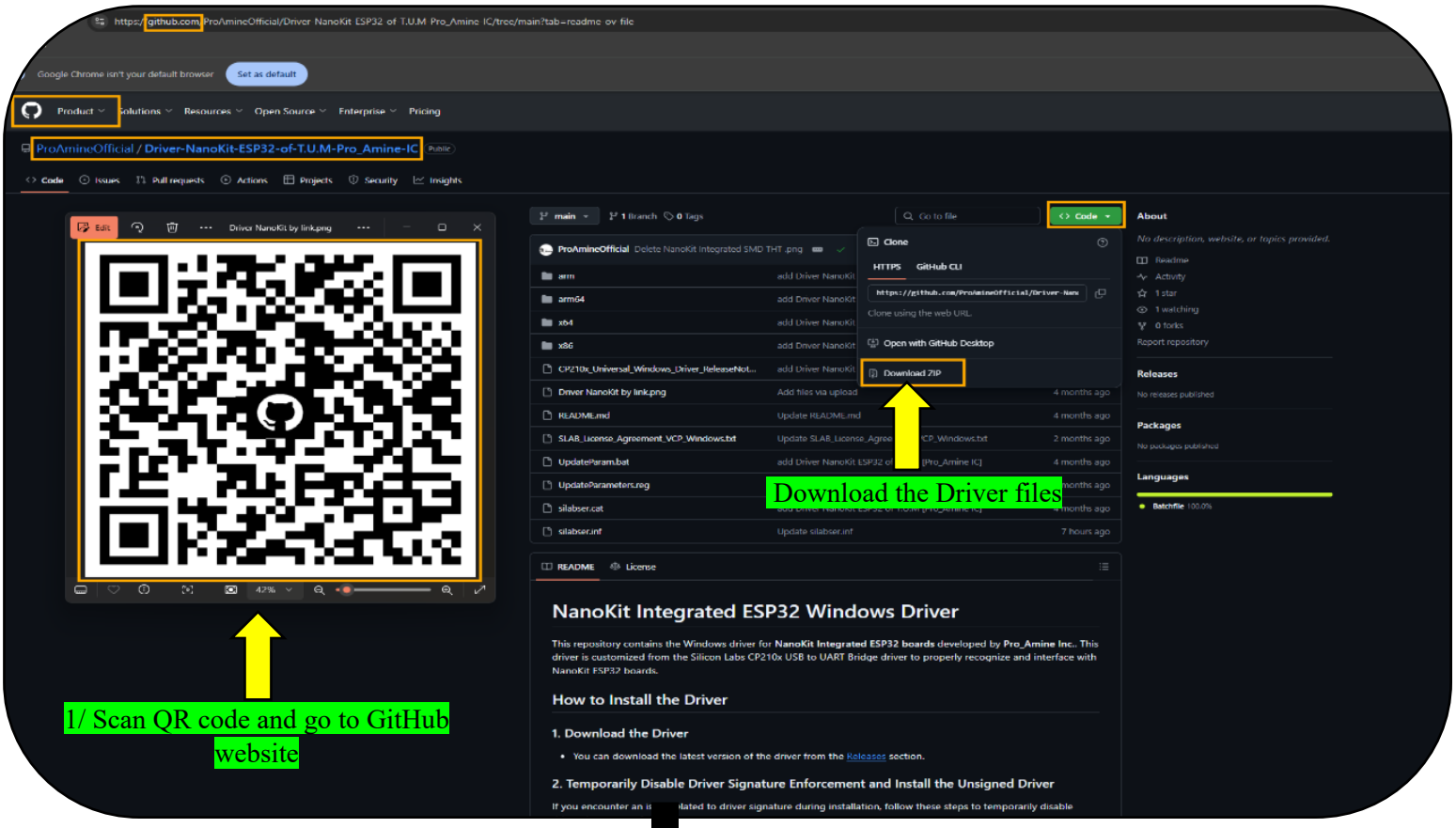
Guide: How to Install the Driver for NanoKit Integrated ESP32 of U.M.T [Pro_Amine IC]

1/ Scan QR code and Download the Driver files



You can download the latest version of the driver from the Releases section.

2. Temporarily Disable Driver Signature Enforcement and Install the Unsigned Driver If you encounter an issue related to driver signature during installation, follow these steps to temporarily disable driver signature enforcement:

- Press and hold the Shift key while clicking Restart from the Start menu.

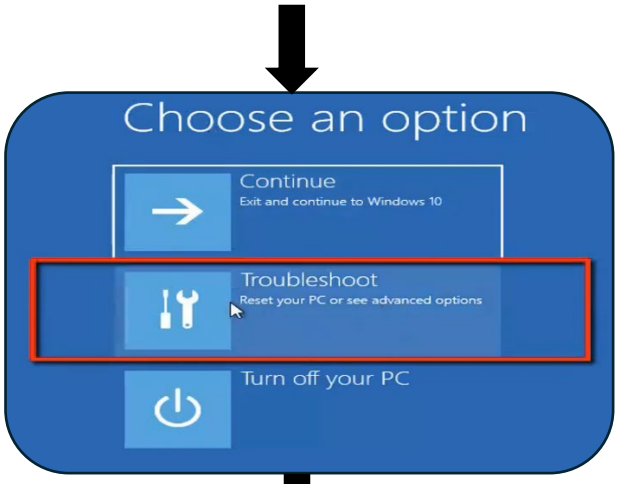
- The system will restart and open the Advanced Startup menu.

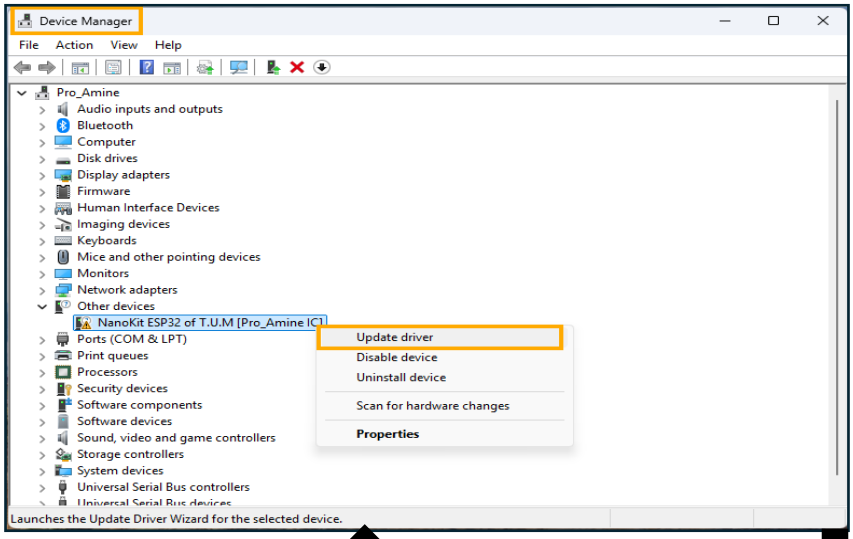
- Select Troubleshoot > Advanced Options > Startup Settings.

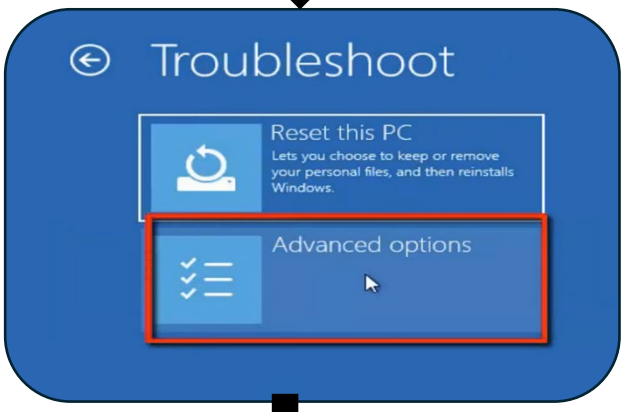
- Click Restart.

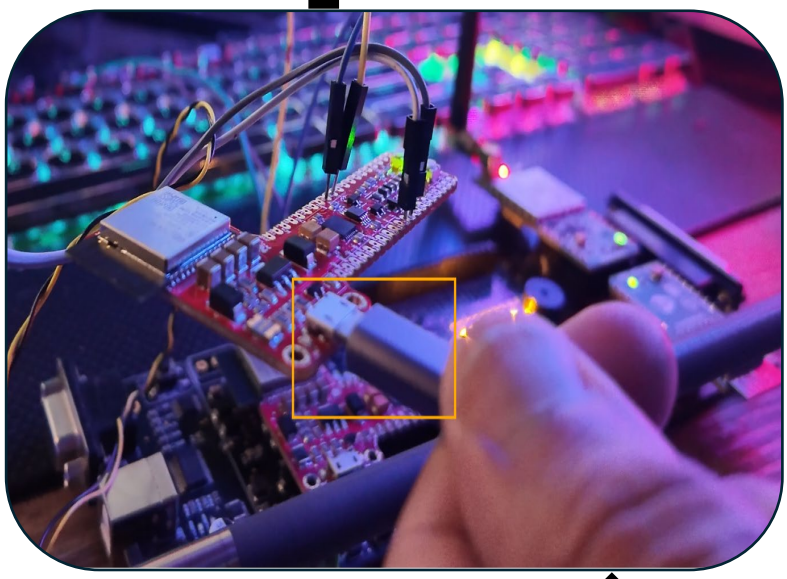
- Upon restarting, select the option Disable driver signature enforcement by pressing the appropriate key (usually F7).

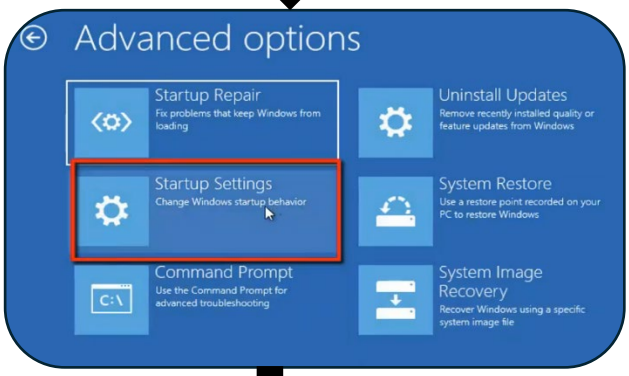
- After disabling driver signature enforcement, proceed to install the unsigned driver as described in the previous steps.

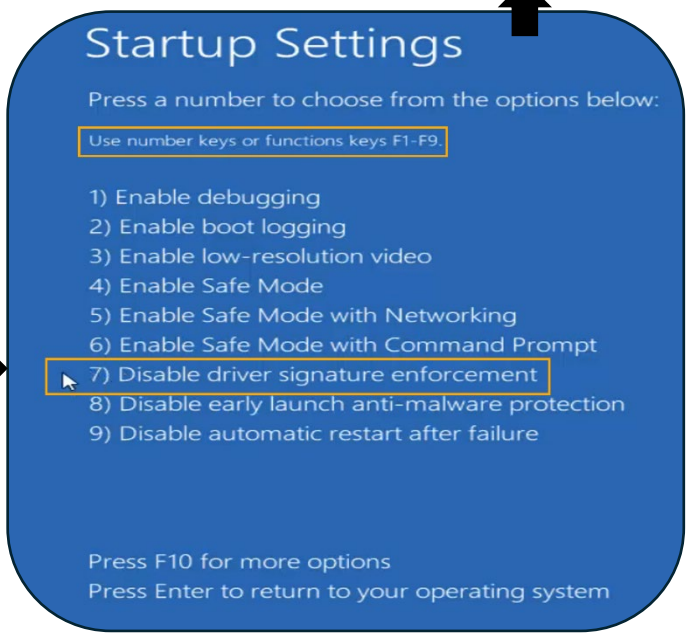

Choose an option
Continue
Exit and continue to Windows 10
Troubleshoot
Reset your PC or see advanced options
Turn off your PC

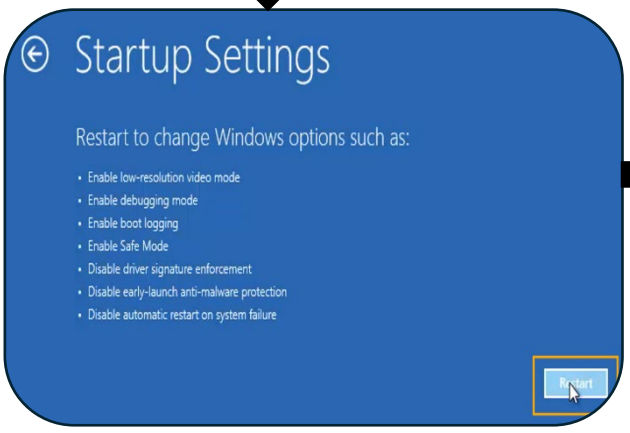

Device Manager
File Action View Help
Pro_Amine
Audio inputs and outputs
Bluetooth
Computer
Disk drives
Display adapters
Firmware
Human Interface Devices
Imaging devices
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Other devices
NanoKit ESP32 of T.U.M [Pro_Amine IC]
Ports (COM & LPT)
Print queues
Processors
Security devices
Software components
Software devices
Sound, video and game controllers
Storage controllers
System devices
Universal Serial Bus controllers
Update driver
Disable device
Uninstall device
Scan for hardware changes
Properties
Launches the Update Driver Wizard for the selected device.

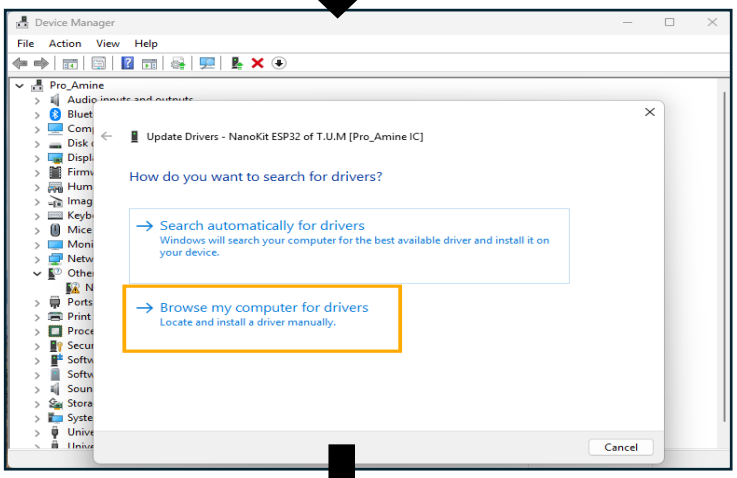

Troubleshoot
Reset this PC
Lets you choose to keep or remove your personal files, and then reinstalls Windows.
Advanced options

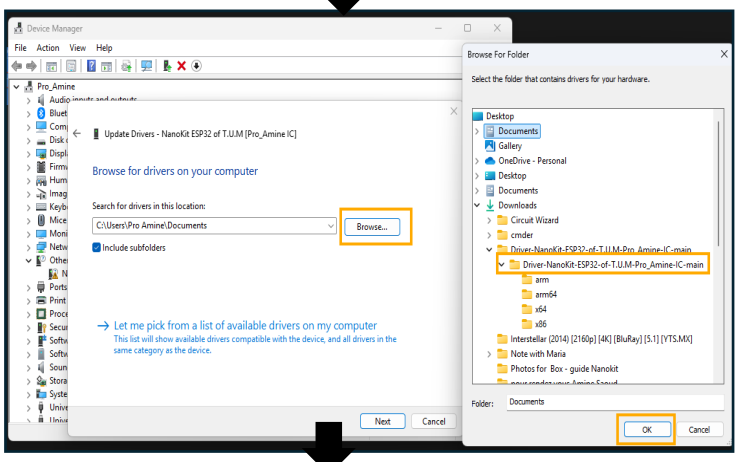


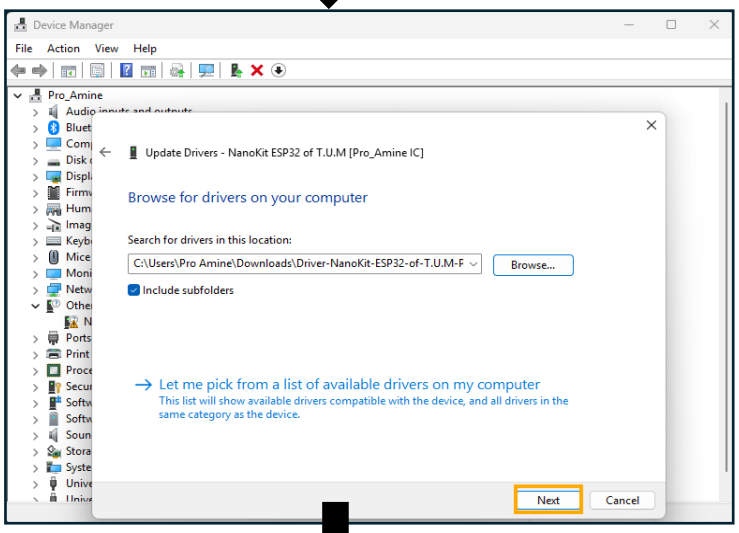

Advanced options
Startup Repair
Fix problems that keep Windows from loading
Uninstall Updates
Remove recently installed quality or feature updates from Windows
Startup Settings
Change Windows startup behavior
System Restore
Use a restore point recorded on your PC to restore Windows
Command Prompt
Use the Command Prompt for advanced troubleshooting
System Image Recovery
Recover Windows using a specific system image file

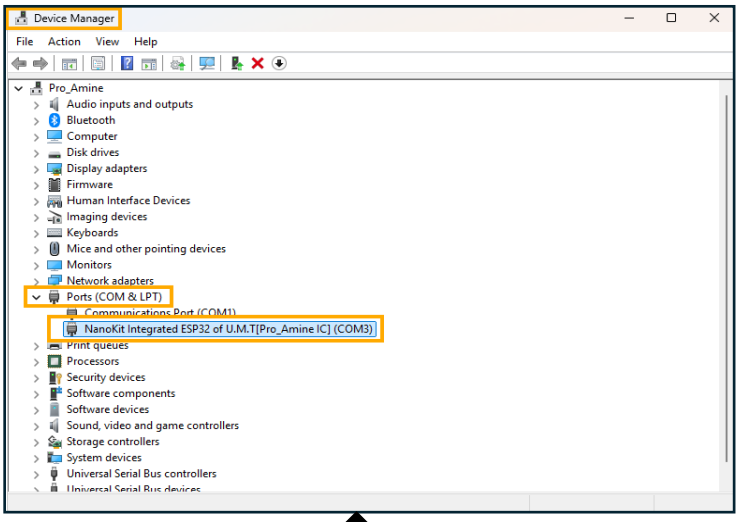

Startup Settings
Press a number to choose from the options below:
Use number keys or functions keys F1-F9.
1) Enable debugging
2) Enable boot logging
3) Enable low-resolution video
4) Enable Safe Mode
5) Enable Safe Mode with Networking
6) Enable Safe Mode with Command Prompt
7) Disable driver signature enforcement
8) Disable early launch anti-malware protection
9) Disable automatic restart after failure
Press F10 for more options
Press Enter to return to your operating system

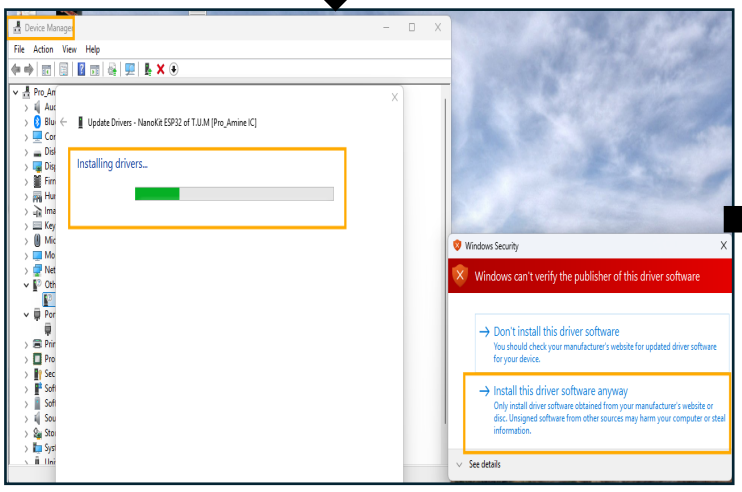

Startup Settings
Restart to change Windows options such as:
Enable low-resolution video mode
Enable debugging mode
Enable boot logging
Enable Safe Mode
Disable driver signature enforcement
Disable early-launch anti-malware protection
Disable automatic restart on system failure
Restart

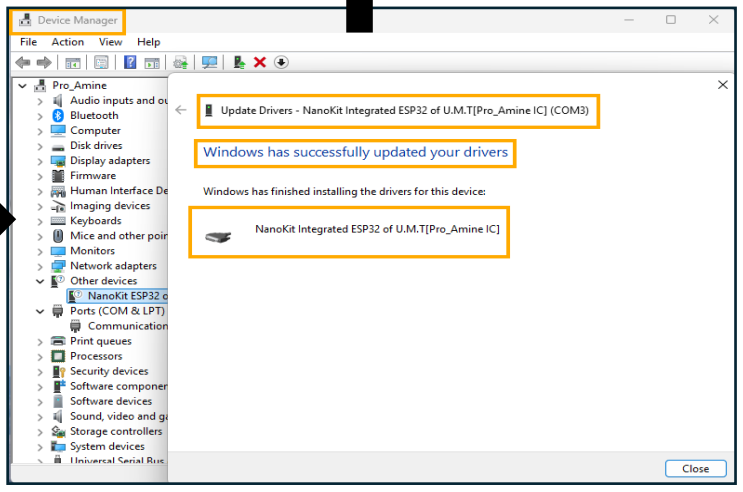












3. Install the Driver

After downloading, extract the contents of the ZIP file. Open Device Manager on your Windows Collocated the NanoKit Integrated ESP32 device under "Other devices".
- Right click the device and choose Update driver. Select Browse my computer for driver software. Navigate to the folder where you extracted the driver files. Click Next to install the driver.

4. Verify Installation
Once the installation is complete, the device should appear under Ports (COM & LPT) in Device Manager as NanoKit Integrated ESP32 of U.M.T [Pro_Amine IC].

Features

Automatic Recognition: Automatically recognizes NanoKit ESP32 boards.
Compatibility: Fully compatible with all standard USB to UART operations.
Open Source: Licensed under the MIT License. License This project is open-source and licensed under the MIT License. See the LICENSE file for more details.

Note: On Linux and Apple operating systems, you can download the driver for the CP2102-A02 by Silicon Labs from their official support page.
You can download the CP2102-A02 drivers for Linux and macOS from Silicon Labs' official website: CP210x USB to UART Bridge VCP Drivers: https://www.silabs.com/developer-tools/usb-to-uart-bridge-vcp-drivers

For any issues, suggestions, or contributions, please contact Pro_Amine Inc. at https://proamine.tech/