

Windows ARM Driver Installation Instructions:

1. Follow Quartus Installation Instructions for Windows 10/11.
2. Download and unzip the driver files provided by this forum:
<https://community.intel.com/t5/Programmable-Devices/Solution-USB-Blaster-Driver-for-Windows-11-ARM/m-p/1541904>
3. Make a copy of the folder located at
“C:\intelFPGA_lite\22.1std\quartus\drivers\usb-blaster-ii” that you can modify.
4. Open the copied folder and open usbblaster.inf with Notepad (there should be two files with that name, so if you can't see the extension you want to open the one that has the type “Setup Information”).
5. Replace the line that says “CatalogFile=usbblasterii.cat” with
“;CatalogFile=usbblasterii.cat” (just add a semicolon in front).
6. Replace ALL occurrences of “amd64” with “arm64”.
7. Save the file.
8. Now you must add the security certificate that was downloaded with the driver files listed by the link above to the computer.
 - a. Follow the instructions listed here:
<https://knowledge.digicert.com/solution/how-to-import-intermediate-and-root-certificates-using-mmc>
 - b. On step 8, the file you want to import should be found at
“C:\intelFPGA_lite\22.1std\quartus\drivers”.
9. Now start up the computer with signature enforcement disabled
 - a. Go to Settings > System > Recovery
 - b. Click on “Restart Now” by Advanced Startup and confirm the restart
 - c. Select Troubleshoot once the option is presented.
 - i. If you do not see this option and see some other error message, it is likely the computer needs to be updated before you can access the recovery environment.
 - d. Select Advanced Options, then Startup Settings
 - e. Select Restart, then press the number 7 on your keyboard for “Disable driver signature enforcement”.
10. The steps above should be enough to get the driver to install, but you may have to additionally disable memory integrity for the computer.
 - a. Open Windows Security > Device Security and go into Core isolation details
 - b. Turn off Memory Integrity and restart the computer when prompted.
 - c. Turn off Microsoft Vulnerable Driver Blocklist.

- i. The above steps may leave your computer vulnerable, so make sure to practice safe internet browsing.
- 11. Follow the driver installation instructions on the Quartus Installation document.