How to update firmware
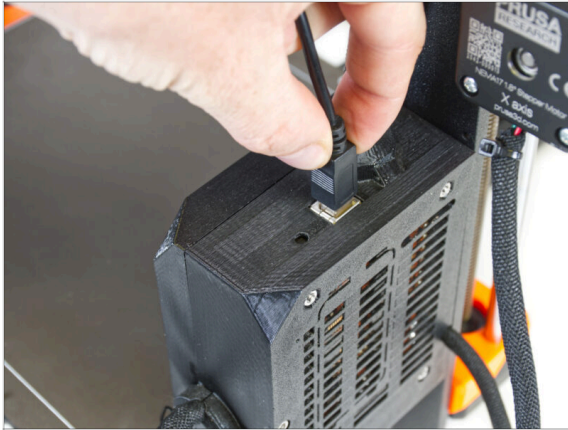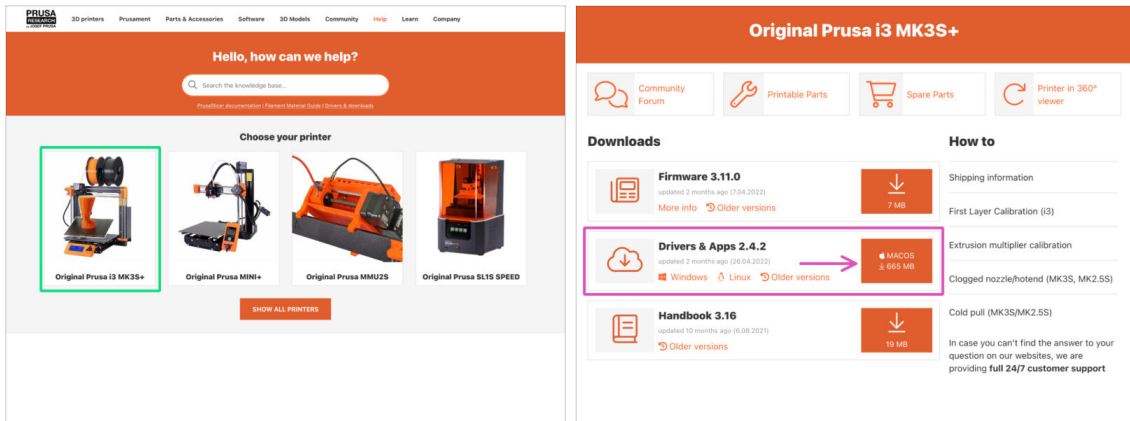
STEP 1 Introduction

- This guide will take you through the **updating firmware** on your **Original Prusa i3** printer.
- **The following instructions are compatible with these printers:**
  - MK2/MK2S
  - MK2.5/MK2.5S
  - MK3/MK3S/MK3S+
- (i) This guide shows the procedure on the MK3S+. However, the procedure is the same for all supported printers.
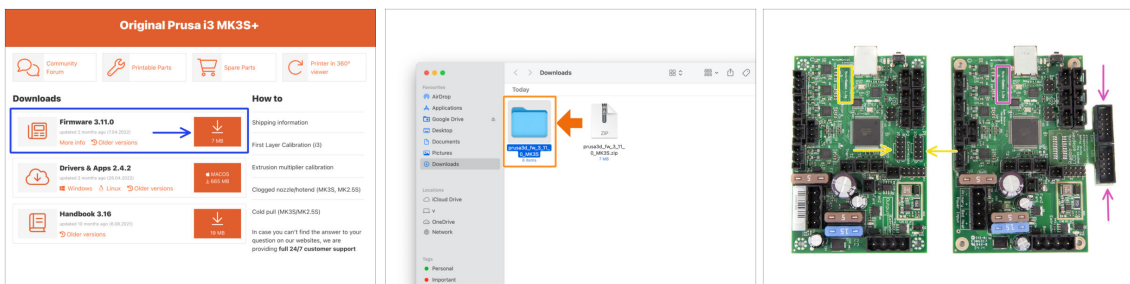
STEP 2 You will need

- **Updating the firmware requires:**
  - PC running Windows, macOS or Linux
  - USB 2.0 Type B cable (bundled with the printer)
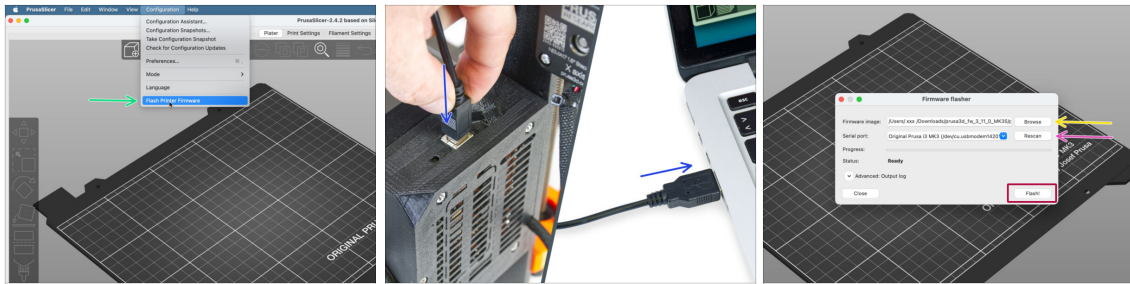
STEP 3 Download the necessary software

- 🟢 Go to help.prusa3d.com and choose the printer from the list.
  - ⓘ Click on **Show All Printers** button, if your printer is not on the list.
- 🟣 In Drivers & Apps section, download the software bundle, including the latest version of PrusaSlicer and install the software.
  - ⓘ If you already have installed PrusaSlicer, you can skip this step. However, **it's recommended to install the latest version**.
- ⬛ Do not close the Prusa knowledgebase page yet.
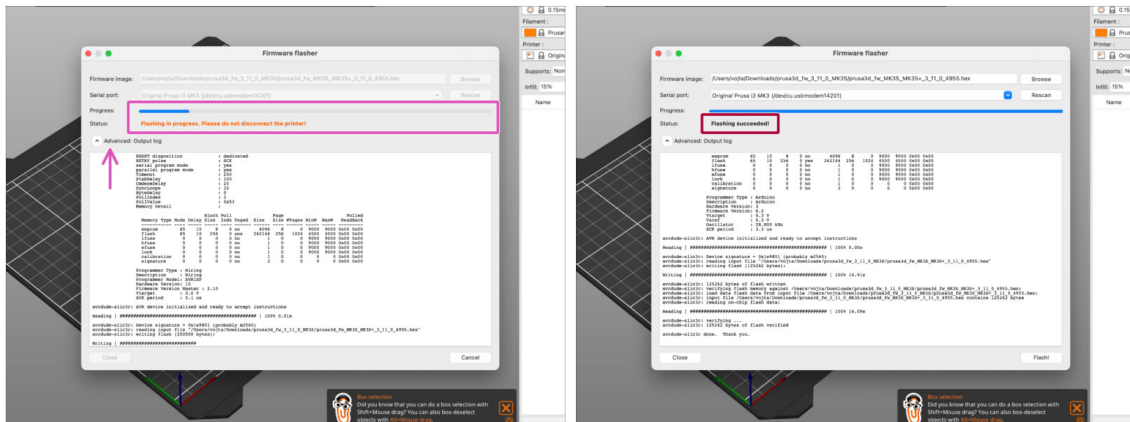
STEP 4 Download the new firmware

- 🔵 In the Firmware section, download the latest firmware version.
- 🟠 Unzip the downloaded file.
- ⚠️ **For the Mini RAMBo** used in MK2/MK2S/MK2S MMU/MK2.5 you have to choose the firmware based on the version of the board you have. Inside the package, there will be two files with either RAMBo 13a or RAMBo 10a in the name.
  - 🟡 **RAMBo 13a** - used in the majority of the MK2 and all MK2S printers (most common). **LCD connectors are part of the board**.
  - 🟣 **RAMBo 10a** - used in the MK1 and some early batches of MK2 (very rare). **LCD connectors are outside the board**.
- ⓘ For the **MK3/S/+** there is only one version, no need to choose.

STEP 5 Flashing the firmware

- Open PrusaSlicer.
- From the menu select **Configuration ->Flash Printer Firmware**.
- Connect the printer to your computer using the bundled USB cable.
- Choose the printer from the list. Hit **Rescan** if the printer is not on the list.
- Select the downloaded firmware file on your hard drive (.*hex*). *Do not place the firmware on a network share.*
- Hit the **Flash** button.

STEP 6 Flashing the firmware

- **Do not disconnect the USB cable! Wait until the process is completed.** You can click on "Advanced: ..." to see the flashing process, including detailed log.
- When the flashing process is done, you will be informed.
- **We are done here!** Your printer is ready to print.
- (i) In case of issues with flashing the firmware please visit our troubleshooting article Firmware updating issues.