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Wi-Fi and PrusaLink setup (XL firmware up to 4.7.5)



help.prusa3d.com/g419630

**Scan the QR code to
display the latest
version of this
chapter.**



STEP 1 Introduction



- ◆ This guide will take you through the PrusaLink setup on your **Original Prusa XL** printer.
- ⚠ This guide is valid for firmware version **4.7.5 or older**.
- ◆ You will need to connect the printer to the network using Wi-Fi or Ethernet connection.
- ⚠ First, read the **article about PrusaLink and Prusa Connect** to get general information about these services.
- ◆ Insert the bundled **USB flash drive** into the printer and keep it there.

STEP 2 Networking options



- The preferred network connection type can be selected in the menu **Settings > Network > Default**


- Make sure **Wi-Fi** is selected.

⚠ The Wi-Fi supports 2.4GHz networks only!

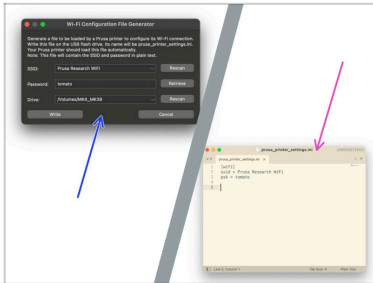
- If you prefer the wired **Ethernet** connection to the network, use the connector on the back of the printer and skip to step 7.

STEP 3 Generating the credentials



- Visit the menu **Settings > Network > Wi-Fi** and select **Create credentials**
 - The printer will generate a **prusa_printer_settings.ini** configuration file on the USB drive.
 - Remove the **USB drive** from the printer.
-  If there is a valid configuration file on the USB drive already, you can skip these steps and just load it straight away.

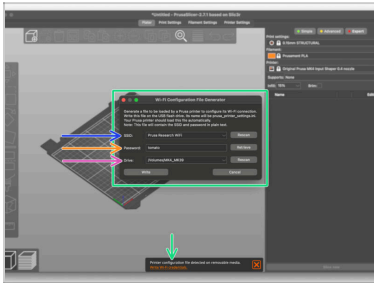
STEP 4 Editing the configuration file



There are two main ways to fill in credentials for a Wi-Fi connection:

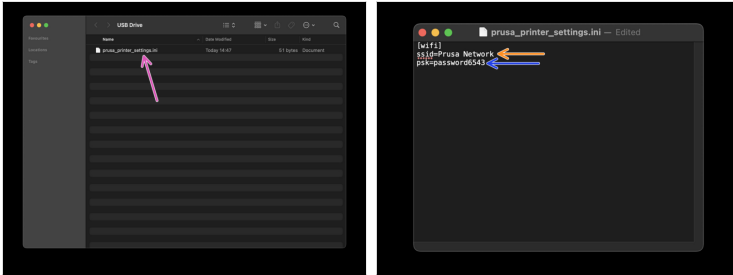
- Using **PrusaSlicer** (recommended) - let's take a look at this in step Editing the configuration file (PrusaSlicer)
- Using a **text editor** - let's look at this in step Editing the configuration file (text editor)

STEP 5 Editing the configuration file (PrusaSlicer)



- Run PrusaSlicer on your computer.
 - **i** Make sure you have **PrusaSlicer version 2.7.0 or later**. Older versions do not support this feature. You can download the latest version of PrusaSlicer on prusaslicer.org
- Connect the **USB drive** to your computer.
- Once the USB is connected, the program will display a dialog box for you to fill in the credentials for your Wi-Fi. Alternatively, you can access the window by clicking on the message at the bottom.
In which you fill in:
 - **SSID:** Select or write down the name of the Wi-Fi network you want to connect your printer to.
 - **Password:** Write down the Wi-Fi password. Make sure nobody is watching!
 - **Drive:** Keep the selected USB drive from your printer
- Click the **Write** button to save the settings.

STEP 6 Editing the configuration file (text editor)



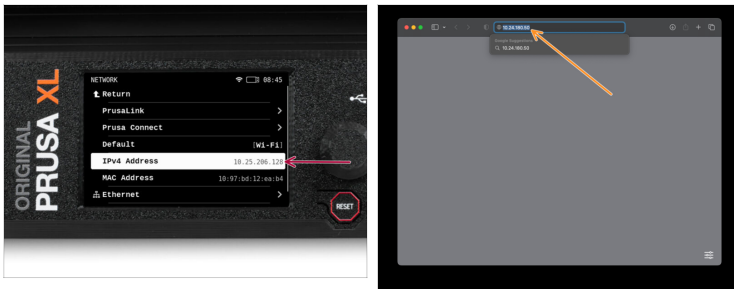
- i** This method of entering Wi-Fi credentials using a text editor is an alternative to using PrusaSlicer. If you have chosen the PrusaSlicer (previous) method, proceed to the next step.
- 🛡️** Connect the **USB drive** to your computer.
- 🟡** Locate the **prusa_printer_settings.ini** file on the USB drive created by the printer. Open the file in any text editor.
- 🟠** Go to the second line named **ssid=** and write down the name of the Wi-Fi network you want to connect your printer to.
- 🟢** Now, go to the third line named **psk=** and write down the Wi-Fi password. Make sure nobody is watching!
- 🛡️** **Save the file** on the USB drive.

STEP 7 Loading the configuration file



- Connect the **USB drive** back to the printer.
- Navigate to the menu **Network > Wi-Fi** and select **Load credentials**.
- Hit **Continue** to finish the Wi-Fi wizard.
- Wait until the connection is established - indicated by a white **Wi-Fi icon** on the top of the screen.
 - In case you're using the wired **Ethernet** connection instead, another icon appears.

STEP 8 Obtaining the IP address



After the connection was established, navigate to the menu **Settings > Network > IPv4 Address**. Note down the **IP address** shown.

Open up a web browser on your computer. Insert the IP address into the address line and open it up as a webpage.

i Note, this IP address is accessible on your local network only and might change over time according to your network setup.



We recommend using Chrome or Firefox browser as there are login issues when using Safari or Edge.

STEP 9 Logging into PrusaLink



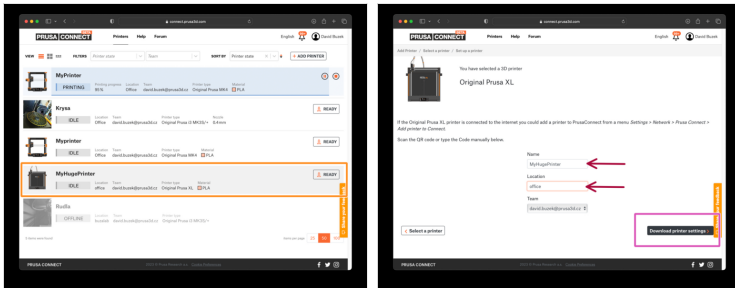
- **PrusaLink** webpage should appear, requesting a log-in.
- On the printer, navigate to **Settings > Network > Prusalink** to get the username and password.
- Use the provided username and password to **log into PrusaLink** on your computer.

STEP 10 Printing via PrusaLink



- ◆ To start printing wirelessly, navigate to the **Storage** tab in PrusaLink.
- ◆ Select a **G-code file** to be printed or drag&drop it into the marked area.
- ◆ Make sure the printer is ready to print:
 - ◆ There must be a **USB drive** in the printer.
 - ◆ An empty, degreased and clean **steel sheet** must be attached on the heatbed.
 - ◆ The printer should be on the **home screen**. If there is any prompt on the LCD screen, the printer will reject any remote command.
- ◆ After the file is uploaded, open up the file details. From here, you can **Start Print**.

STEP 11 Prusa Connect



- Great! You made it!
- You can now delete the configuration file from the USB drive for security reasons.
- Now, you may want to **Add the printer to Prusa Connect** to be able to control the printer from the Internet using the Prusa Connect cloud service.
