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# Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S, MK3.9, MK3.5, XL, MINI/+)



[help.prusa3d.com/g413293](https://help.prusa3d.com/g413293)

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



## STEP 1 Introduction



- ◆ This guide will walk you through connecting to a network and setting up PrusaLink on your **Prusa CORE One, MK4/S, MK3.9/S, MK3.5, XL or MINI/+** printer.
- ⓘ For general information about the remote connectivity services, check out the **PrusaLink and Prusa Connect** article.
- 📌 Some details differ on various printer types but in general, the process is the same.
  - ⚠ on **MINI/+**, you have to install the **Wi-Fi module** first.
- ◆ Insert the bundled **USB flash drive** into the printer and keep it there.

Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S,  
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## STEP 2 Networking options



- Your assembled Original Prusa **MK4/S** comes with a pre-installed ESP Wi-Fi module.
- The preferred network connection type can be selected in the menu **Settings > Network > Active Interface** (called "Default" in older firmwares).
  - Make sure **Wi-Fi** is selected, in order to use it.
  - ⓘ Note: The Wi-Fi module supports 802.11 b/g/n **2.4 GHz networking only**. A 5Ghz network will not work.
- If you prefer the wired **Ethernet** connection, use the connector on the back of the printer and skip to PrusaLink: IP Address.

## Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S, MK3.9, MK3.5, XL, MINI/+)

### STEP 3 Wi-Fi Setup (NFC / Prusa App)



- ◆ At the first printer startup, the Network setup screen shows up automatically.
- ◆ Or, open up the Wi-Fi setup wizard in the menu **Settings > Network > Wi-Fi > Wi-Fi Wizard**
- ◆ On MK4S, we recommend to upload your Wi-Fi credentials via the **NFC** using the **Prusa Mobile App**.
- ◆ Follow the on-screen instructions and hold your phone within 2–3 cm of the **NFC antenna**.
- ◆ After a successful connection, skip to the PrusaLink: IP Address.
- ◆ To use **another method of entering the credentials**, select Cancel, choose from the Wi-Fi wizard menu and **continue to the next step**.

## Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S, MK3.9, MK3.5, XL, MINI/+)

### STEP 4 Wi-Fi Setup (Scan / Manual)



- To enter the Wi-Fi credentials on the printer alone, select **Scan networks**.
- Select the preferred network in the list.
- Enter the password using the on-screen T9 keyboard.
  - After a successful connection, skip to the PrusaLink: IP Address.
- To use another method of entering the credentials, continue to the next step.

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## STEP 5 Wi-Fi Setup (From File)

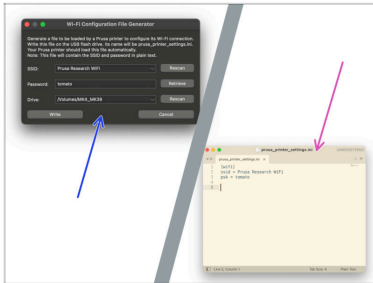


- ◆ To enter the Wi-Fi credentials using your computer, select **Load config from file**.
- ◆ With firmware 6.0.0 or newer, the printer will wait for a valid config file.
  - ◆ With firmware older than version 6.0.0, the printer generates a **prusa\_printer\_settings.ini** file on the USB drive.
- ◆ 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 6 Wi-Fi Setup (File Editing Methods)

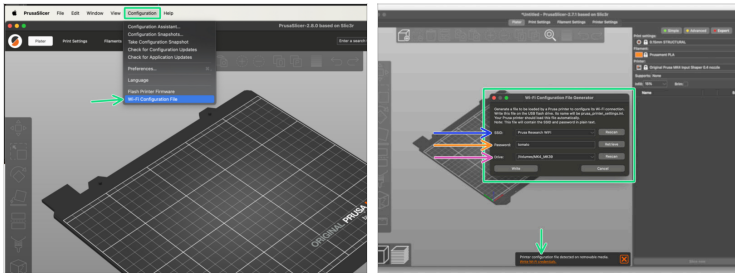


There are two ways to fill in the Wi-Fi connection credentials into the configuration file:

- Using **PrusaSlicer** (recommended)
  - Continue to the next step: Wi-Fi Setup (File - PrusaSlicer)
- Manually using a **text editor** -
  - Continue to this step instead: Wi-Fi Setup (File - Editor)

# Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S, MK3.9, MK3.5, XL, MINI/+)

## STEP 7 Wi-Fi Setup (File - PrusaSlicer)



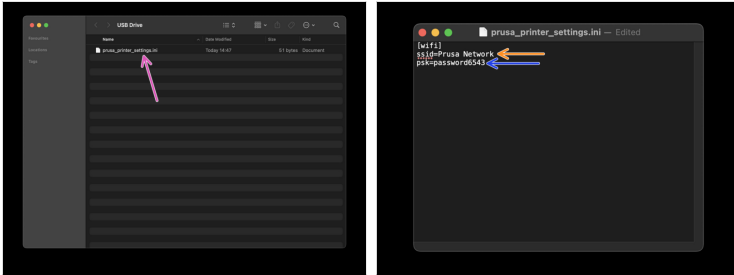
- Open up **PrusaSlicer** and connect the **USB drive** to your computer.
- If the Wi-Fi config generator hasn't opened automatically, navigate to:

### Configuration > Wi-Fi Configuration File

Then fill in:

- **SSID:** Select or write down the name of the Wi-Fi network you wish to connect your printer to.
- **Password:** Write down the Wi-Fi password. Make sure nobody is watching!
- **Drive:** Make sure the USB drive from your printer is selected.
- Click the **Write** button to save the settings.

Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S,  
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**STEP 8** Wi-Fi Setup (File - Editor)



- i** If the PrusaSlicer method doesn't suit you, you can also insert the Wi-Fi credentials **manually, using a text editor**. Skip this step, if you have already set the credentials in PrusaSlicer.
- Connect the **USB drive** to your computer.
- Locate or create the **prusa\_printer\_settings.ini** file on the USB drive. Open it up in text editor.
- Go to the second line named **ssid=** and write down the name of the Wi-Fi network you wish to connect your printer to.
- Go to the third line named **psk=** and write down the Wi-Fi password.
- Save the file** on the USB drive.

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## STEP 9 Wi-Fi Setup (File Loading)



- ◆ Connect the **USB drive** back to the printer.
  - ◆ The firmware 6.x.x and newer will load the settings automatically.
  - ◆ A successful connection is indicated by the **Wi-Fi icon** on the top of the screen.
    - ◆ In case you're using the wired **Ethernet** connection instead, another icon appears.
- ① If the Wi-Fi connection wasn't established, verify the settings you entered. The file can be re-loaded using the menu **Network > Wi-Fi > Wi-Fi Wizard > Load config from file**

## STEP 10 PrusaLink: IP Address



- ◆ Verify the printer is successfully connected to the network, indicated by the icon on the top left part of the display.
- ① **PrusaLink** is accessible over the local network only, unlike the **Prusa Connect**, which is accessible from the Internet.
- ◆ To start using **PrusaLink**, we need to obtain the printer's IP address. Navigate to the menu **Settings > Network > IPv4 Address**. Note down the IP address shown.
- ① Note, this IP address might change over time according to your network setup.
- ◆ Open up a web browser on your computer. Insert the **IP address** into the address line and open it up as a webpage.

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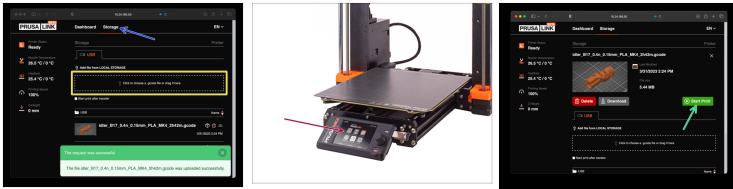
## STEP 11 PrusaLink: Login



- **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.
- ⓘ We recommend using Chrome or Firefox browser as there might be login issues when using Safari or Edge.

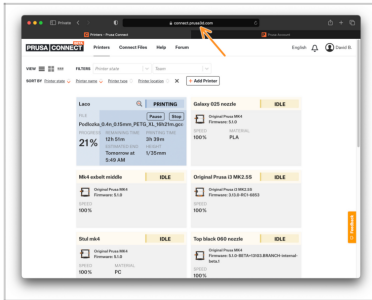
# Wi-Fi and Prusa Connect/Link setup (CORE One, MK4/S, MK3.9, MK3.5, XL, MINI/+)

## STEP 12 Printing via PrusaLink



- ➊ To start printing using PrusaLink, navigate to the **Storage** tab.
- ➋ Select a **G-code file** to be printed or drag&drop it into the marked area.
- ➌ Make sure the printer is ready to print:
  - ➊ A **USB drive must be inserted** into the printer.
  - ➋ An empty and clean **print sheet** must be attached on the heatbed.
  - ➌ The printer must be on the **home screen**. If there's a prompt on the LCD, it may reject remote commands.
- ➍ Once the file is uploaded, open the file details and select **Start Print**.

## STEP 13 Prusa Connect



- Great! You made it!
- Now, you may also want to **Add the printer to Prusa Connect** to be able to control the printer from anywhere, using the Prusa Connect cloud service.



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