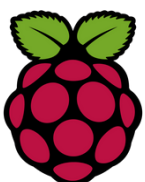


## User's Guide : A to Z



# SUMMARY

- Installation requirements 1
- SD Card Configuration 2 → 7
- Raspberry Pi Os installation 8 → 12

If there are screenshots describing the steps, please follow  in order 1 2 3

If there are diagrams detailing the connections, follow this color code 

# Installation requirements

## HARDWARE REQUIRED FOR INSTALLATION AND USE



Raspberry PI 4

Micro SD Card + Adapter

Power supply

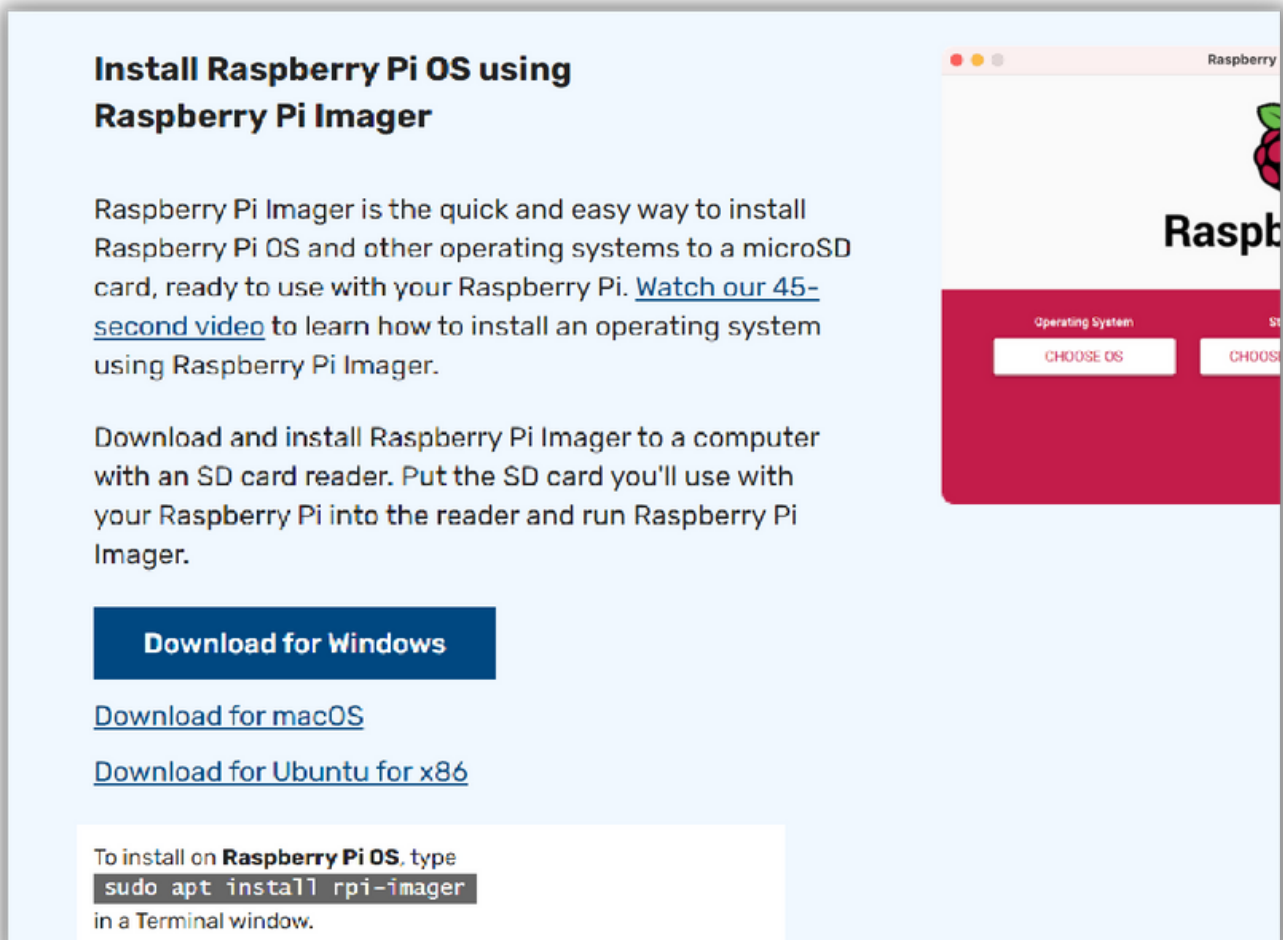
HDMI to micro HDMI cable

Screen

USB Keyboard + Mouse

USB Key usb key adapted to sd card

- First of all, **search** in a web browser (like Firefox) for "**Raspberry Pi Imager**", then click on "**Raspberry Pi OS**". You will arrive on a page, scroll until you find this menu :

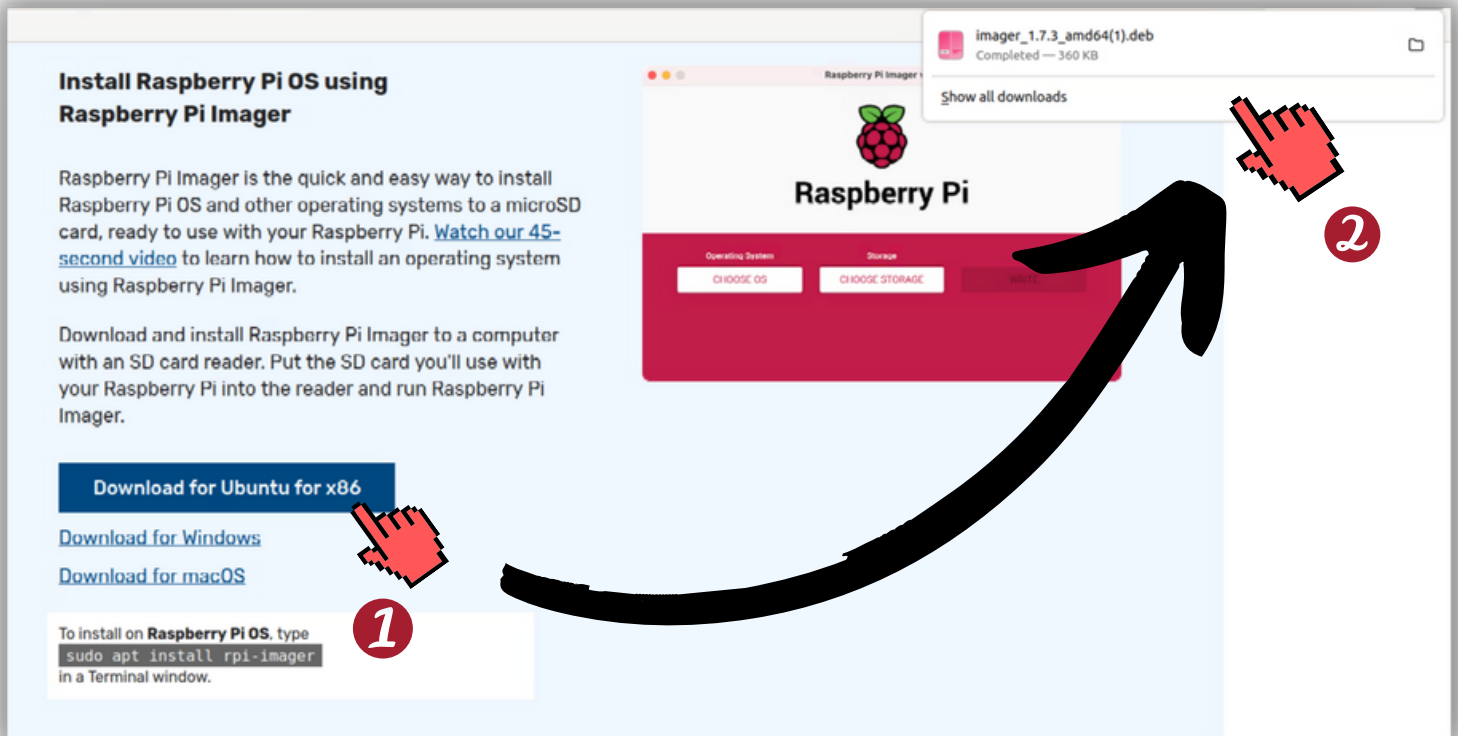


- If you already are on Raspberry PI, open a terminal (Ctrl + Alt + T or in the taskbar) and write : `sudo apt install rpi-imager` (then press enter)

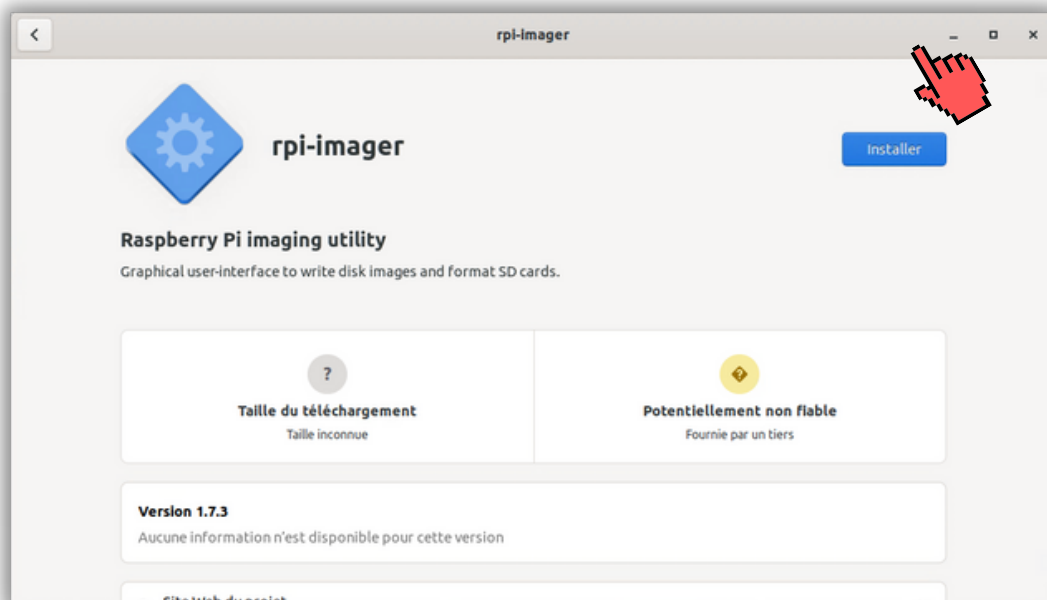
```
tpuser@m-ulr-u20-r192n:~$ sudo apt install rpi-imager
```

- Follow** the instructions on the next pages who matches to the **version of the computer** you are using

- Click on "Download for Ubuntu", then click on the download that appeared on the top right (enter your password if the computer asks for it)



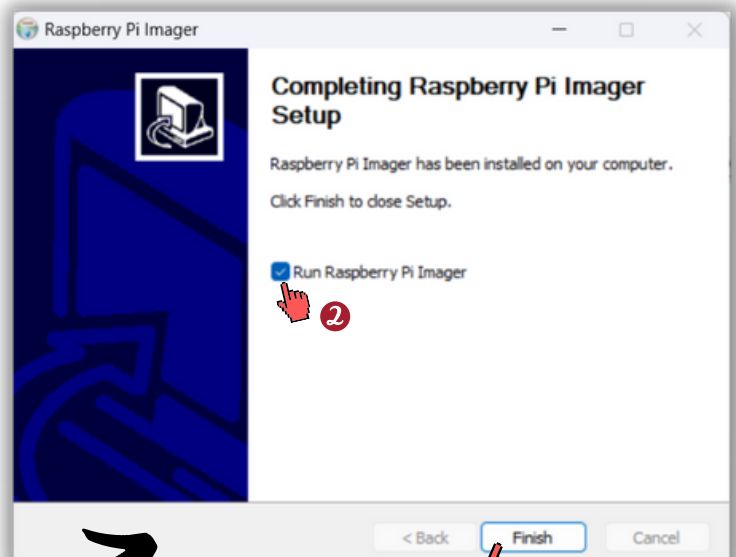
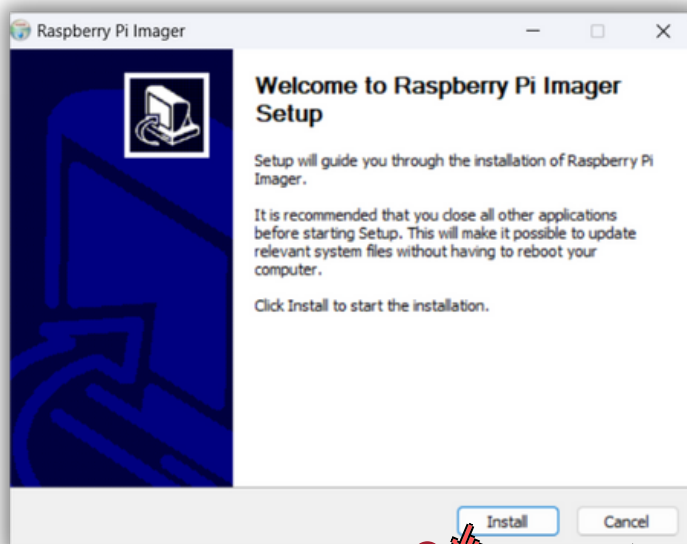
- This page should open, please click on install (enter your password if the computer asks for it)



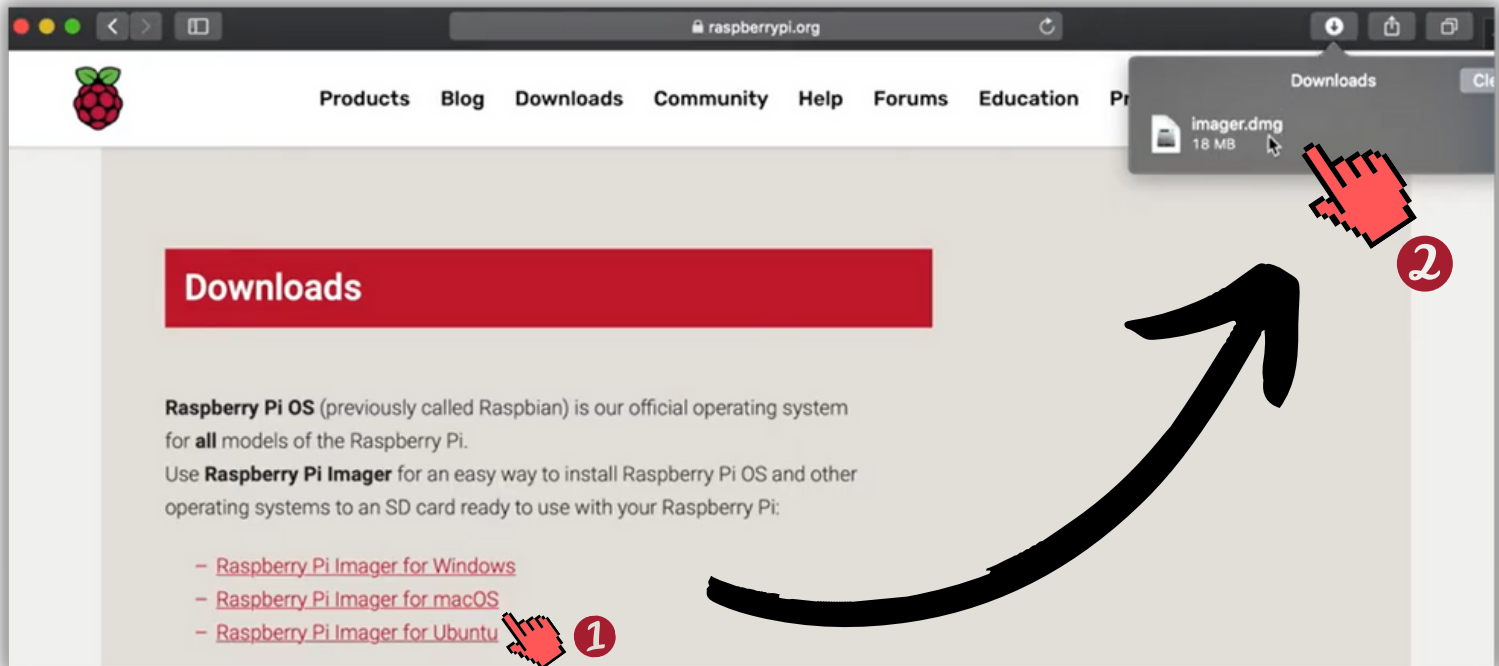
- Click on "**Download for Windows**", then click on the **download** that appeared on the top right (enter your password or click accept if they ask you for an administrator authorization)



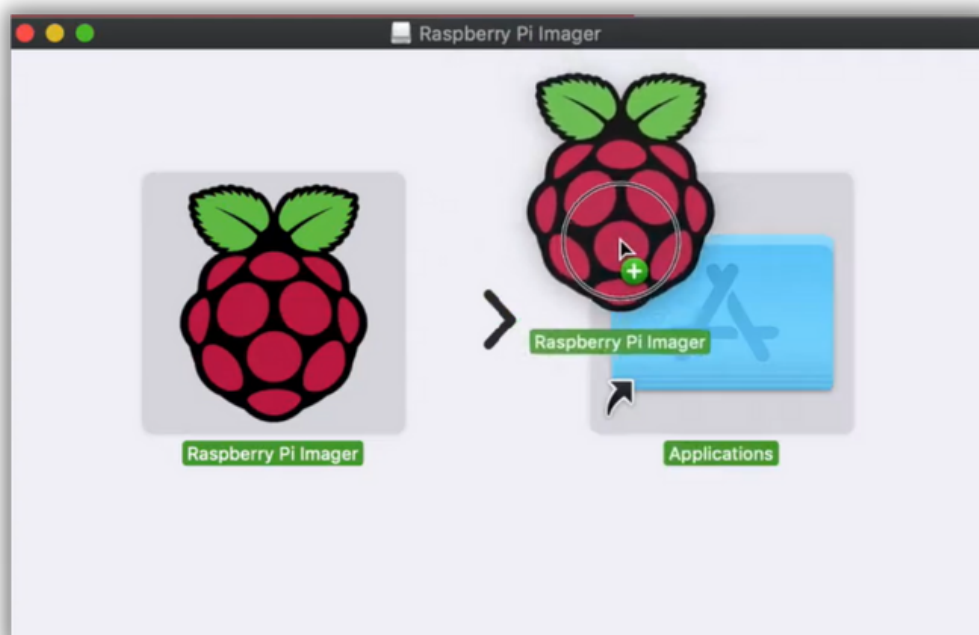
- This page should open, click on "**Install**", then "**Run Raspberry Pi Imager**", then "**finish**" (enter your password or click accept if it asks you for an administrator authorization)



- Click on "**Raspberry Pi Imager for macOS**", then click on the **download** that appeared on the top right (enter your password if the computer asks for it)



- This page should open, drag the "**raspberry logo**" into the "**applications folder**" (enter your password if the computer asks for it)

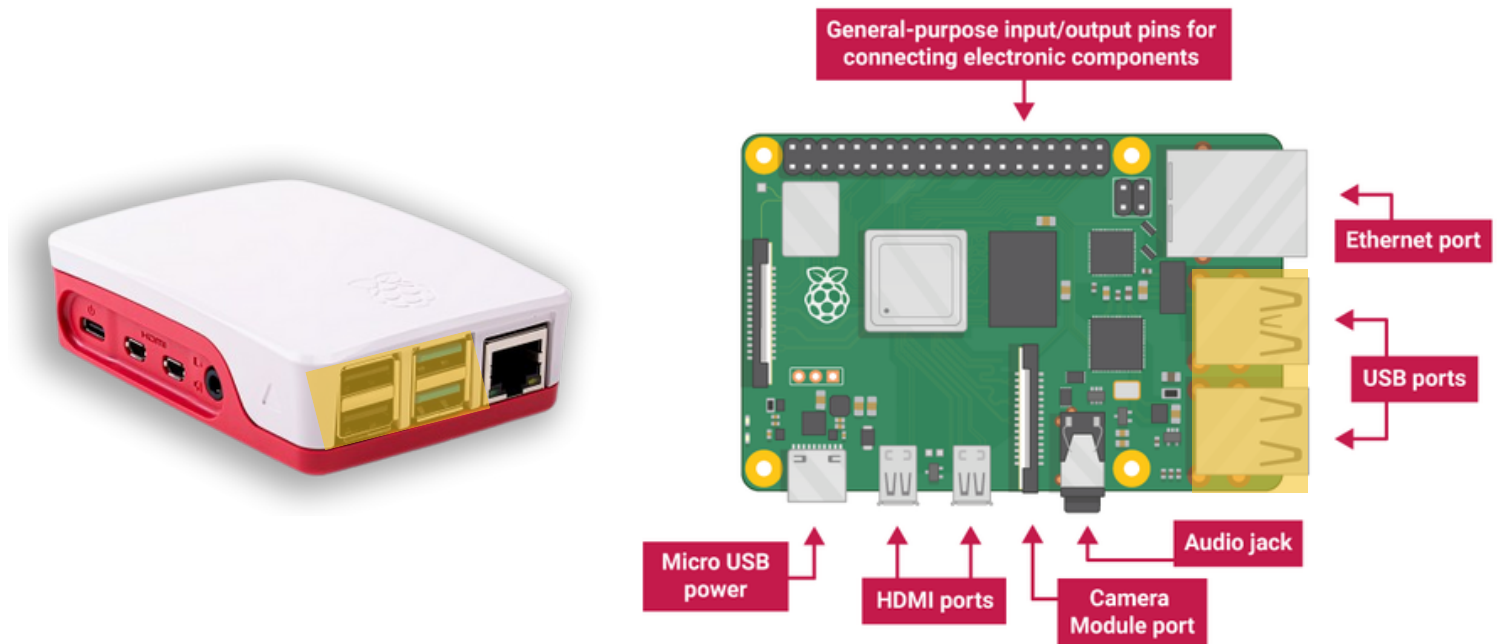




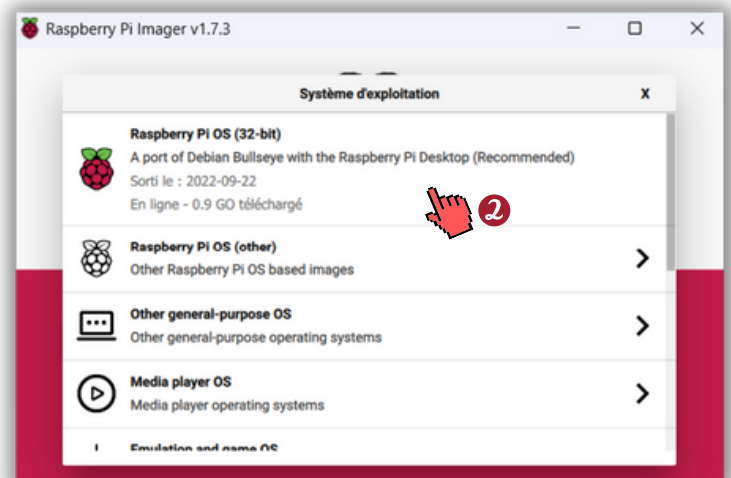
# Configuration

## SD card configuration

- Once all these steps are done, please insert **your usb key** including the sd card in your computer, more precisely **in a usb port** like this:



- Look for the **Raspberry Pi Imager** application on your computer, then open it and follow these steps :

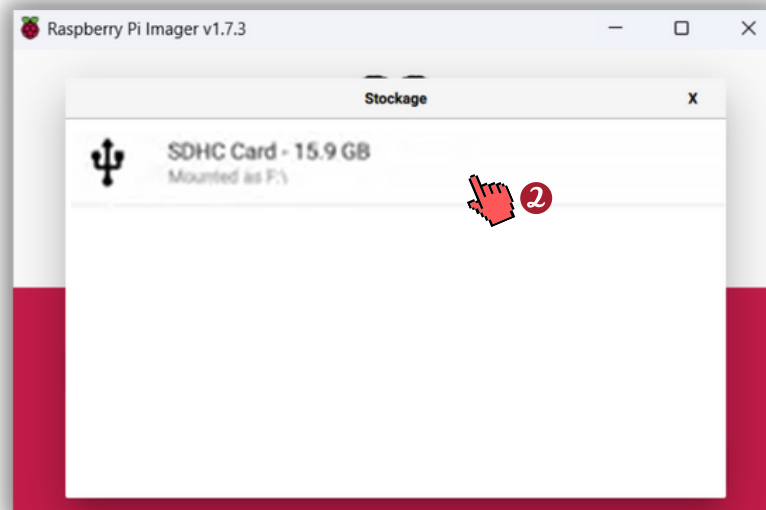




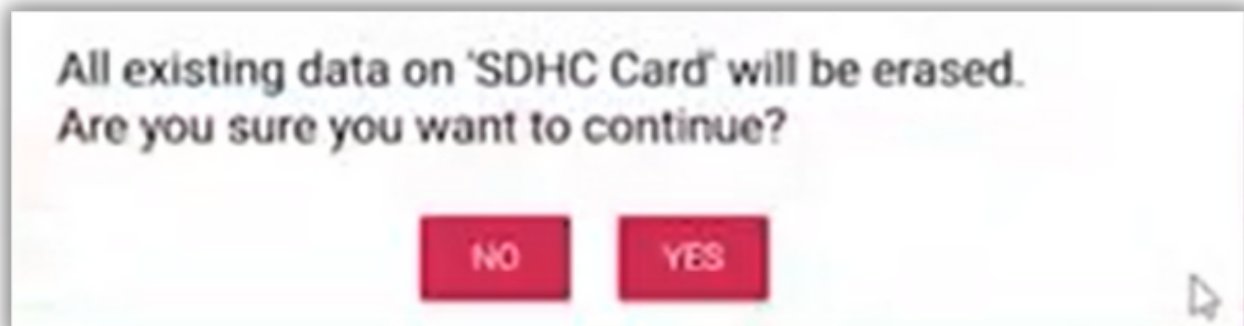
# Configuration

## SD card configuration

- Now you will **select your SD Card** like this :



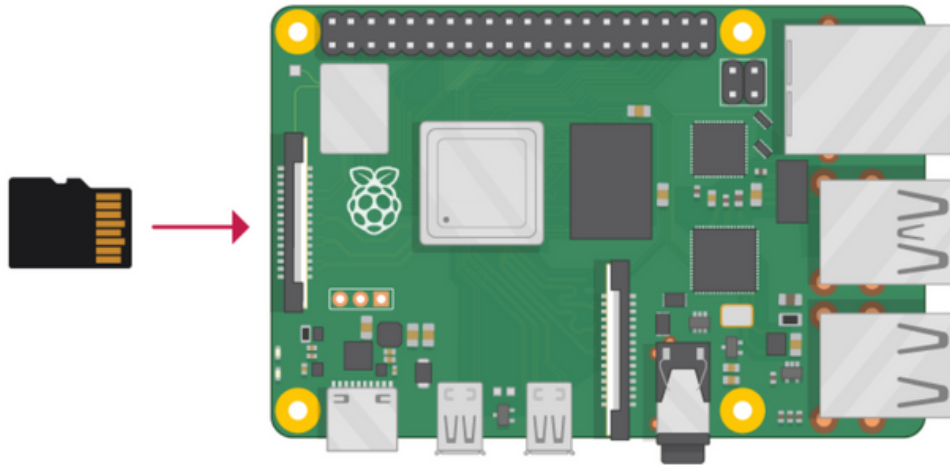
- After all these steps, **start writing** and **accept the message** about your data on your SD Card



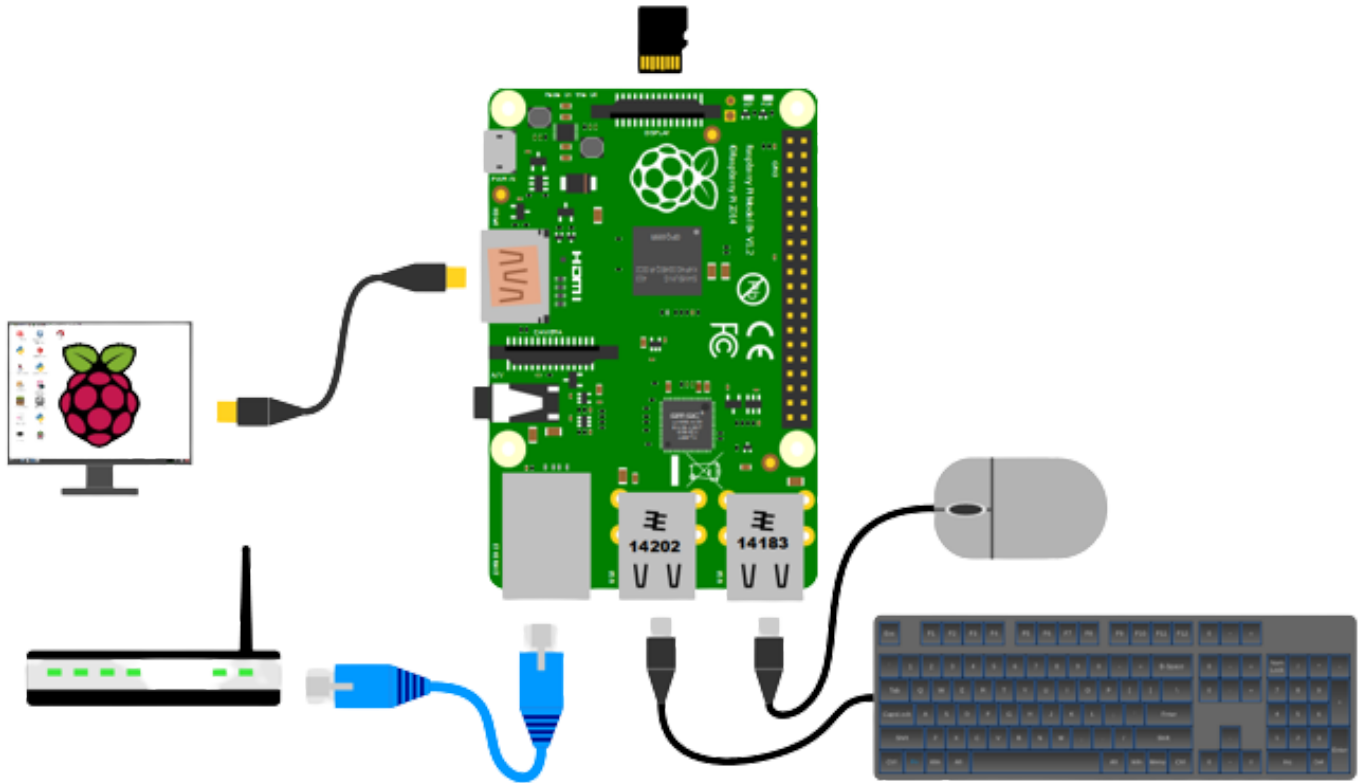
- Once the **writing is finished**, remove your usb key from the computer, and **extract the sd card** from the adapter



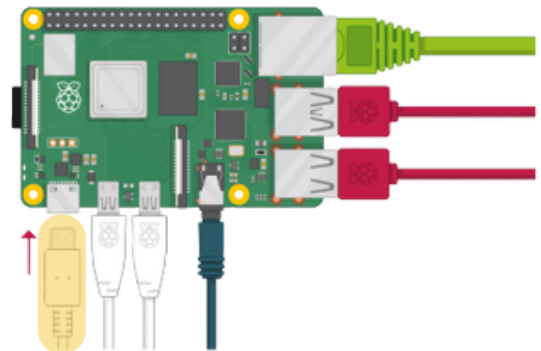
- Insert your sd card in your Raspberry, then assemble your Raspberry in his box



- Now you can connect all your peripherals devices to your raspberry



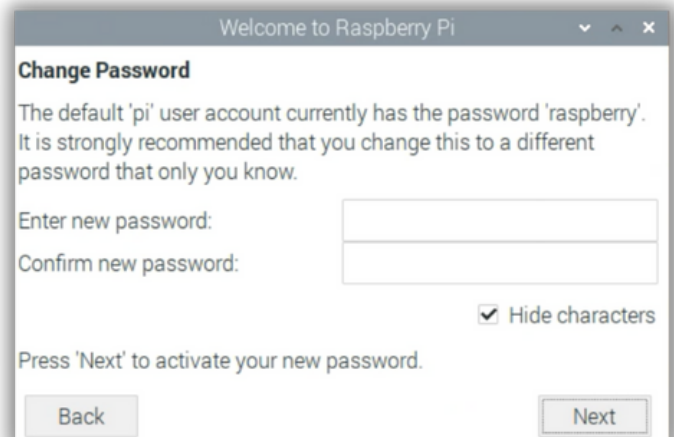
- And to finish the preparation of your raspberry, **connect the power supply**



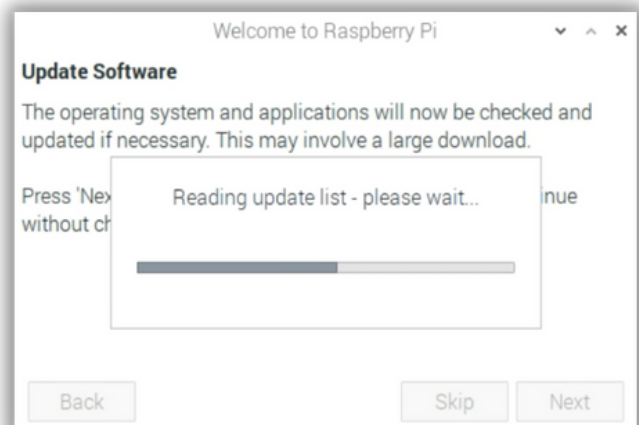
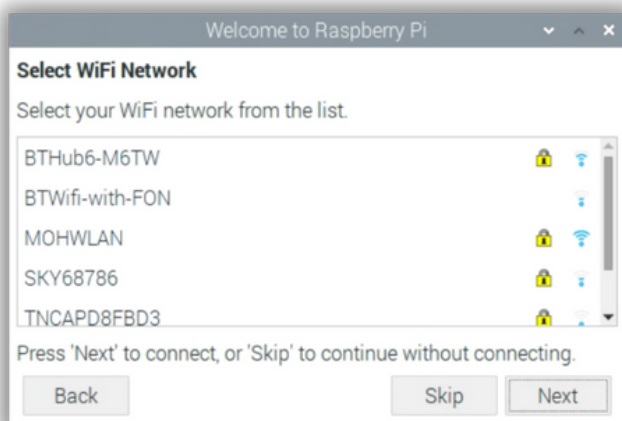
- Now **turn on** your screen and **start the setup** :



- Set your **Country**, **Language**, and **Timezone**, then set your new **password** :



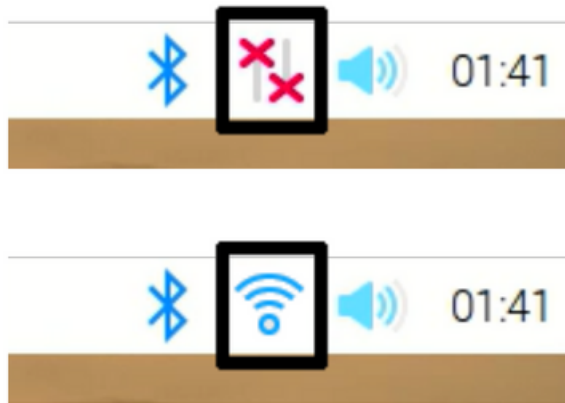
- Connect** to your wireless network and let the **machine update** itself :



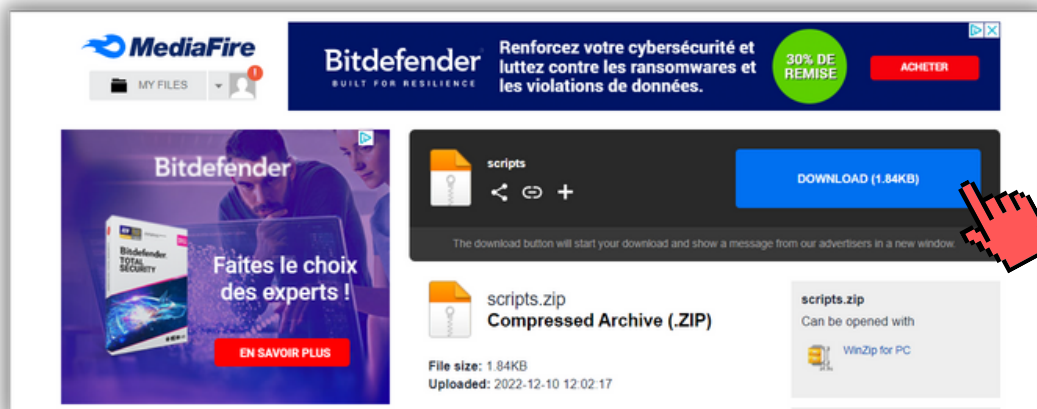
# Configuration

## Configuration of computer stations

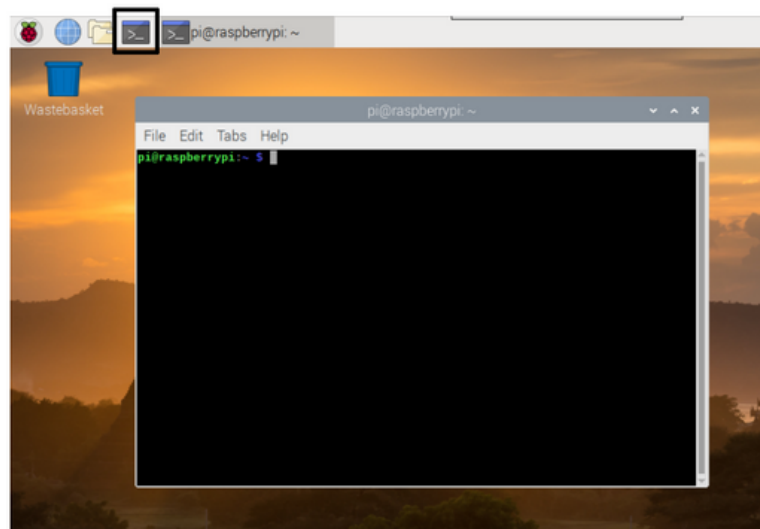
- If the computer asks you, **restart it** and now check if you are **connected** to internet



- Clicking on the **web browser** icon and go to this link :  
<https://www.mediafire.com/file/a9l4amhewambx3m/scripts.zip/file>



- Download** the file and open your **terminal** (Ctrl + Alt + T or click on the terminal icon)



- Now follow these **command sequences** :

```
pi@raspberrypi: ~  
File Edit Tabs Help  
pi@raspberrypi:~ $  
cd Downloads  
unzip scripts.zip  
cd scripts  
chmod +x installer.sh  
sudo ./installer.sh collabo.csv
```

Press **enter** at each command end  
(represented by a line break)

- If **during the installation**, the terminal asks you if you want to continue, **enter "y"** and **press enter** :

```
Do you want to continue?([Y]es/[N]o): Y
```

- Configuration and installation completed**, if you want to connect to an account from the same terminal use : `sudo su user` (Example : `sudo su emusk`), then enter your password

Finally, if you're having problems with your Raspberry Pi, contact us or find answers to your questions on this site : <https://www.raspberrypi.org/help/>

Enjoy your **new computer**

