

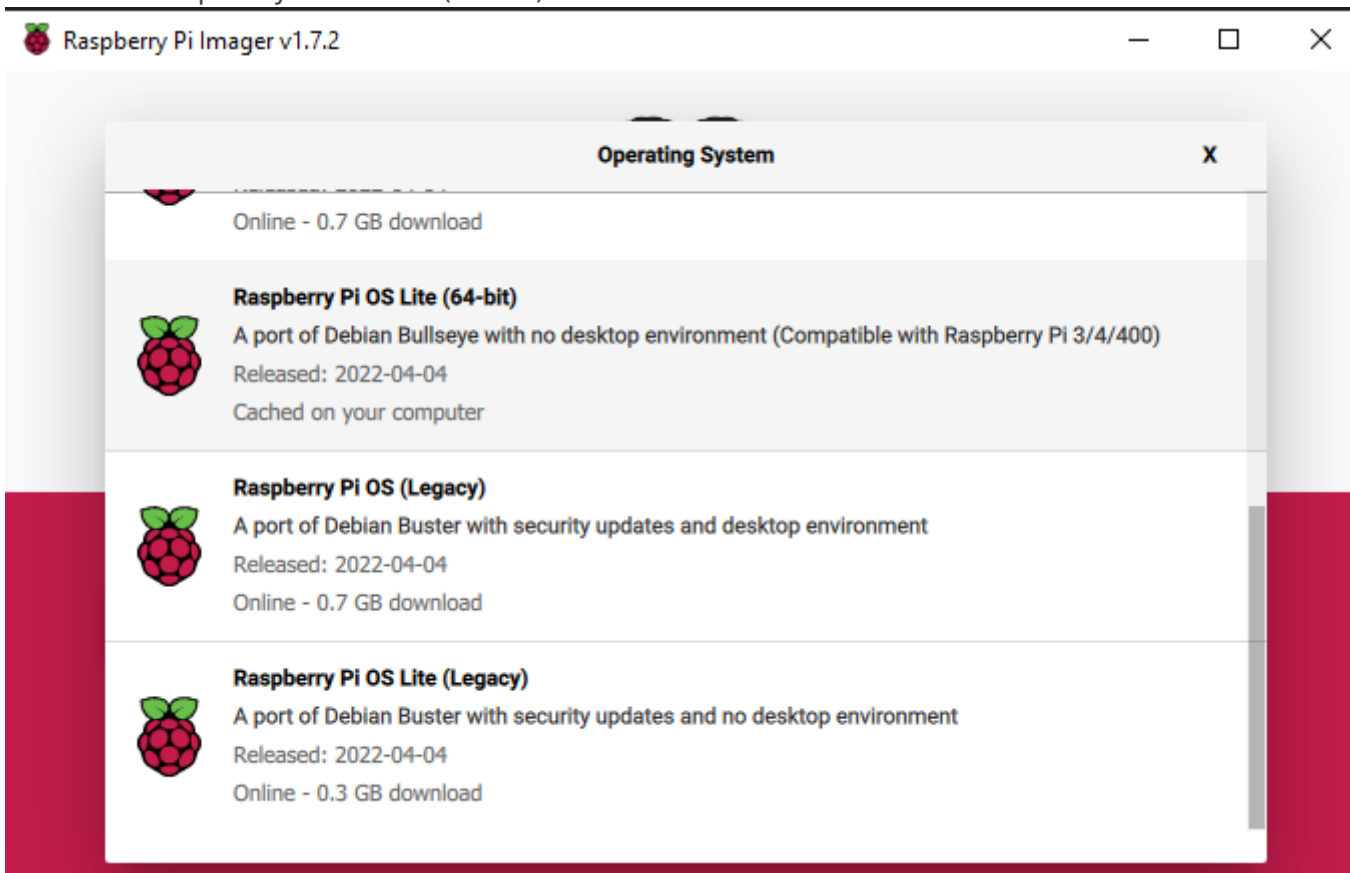
Raspberry Pi setup

Bake OS

For this project you can also use a 32-bit system it doesn't matter to be honest

Download the Raspberry Pi imager from <https://www.raspberrypi.com/software/> and install write the OS on your SD card.

1. Select: Raspberry Pi OS Lite (64-bit)



2. Select the SD card as Storage device

3. Define the hostname and enable SSH

Advanced options

X

Image customization options to always use

☒ Set hostname: .local

☒ Enable SSH

☒ Use password authentication

☐ Allow public-key authentication only

Set authorized keys for 'root':

4. Enter your credentials which you want to login later

☒ Set username and password

Username:

Password:

☐ Configure wireless LAN

SSID:

5. If you are not via LAN connected you can configure the Wifi as well in the setting.

6. Execute it! After that stick the SD card into the Raspberry Pi and power it on.

Connect via SSH

Windows

Download <https://www.advanced-ip-scanner.com/de/> and scan your network. You'll see the IP address and hostname.

Connect with putty <https://www.putty.org/> or use WSL (Windows Subsystem for Linux)

<https://docs.microsoft.com/de-de/windows/wsl/install>

Enter `ssh username@192.168.1.222` and provide your password

MAC / Linux

Open the terminal and scan the network with NMAP.

```
nmap -sn 192.168.1.0/24
```

Then enter `ssh username@192.168.1.222` and provide your password

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