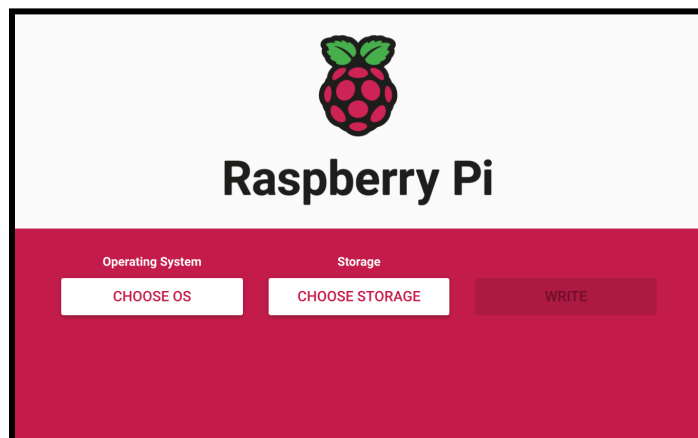


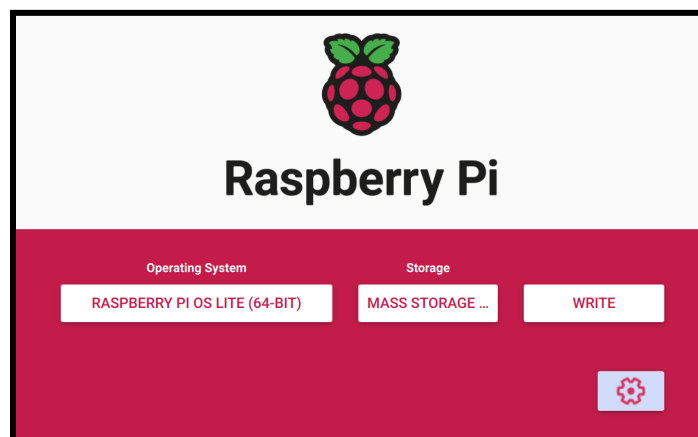
# Raspberry Pi Setup

## Install Raspberry Pi OS using Raspberry Pi Imager

- > download and install Raspberry Pi Imager  
<https://www.raspberrypi.com/software/>
- > run Pi Imager and create new micro SD with
  - ssh enabled
  - wifi enabled



select Pi OS: Raspberry Pi OS lite (64Bit)  
select your SD card



click set setup icon to get the extended options

Image customization options to always use ▼

☒ Set hostname: MRadius.local

☒ Enable SSH

☒ Use password authentication

☐ Allow public-key authentication only

Set authorized\_keys for 'pi': \_\_\_\_\_

☒ Set username and password

Username: pi

Password: \*\*\*\*\*

☒ Configure wireless LAN

SSID: homewifi

☐ Hidden SSID

Password: myPSK12345

☒ Show password

Wireless LAN country: DE ▼

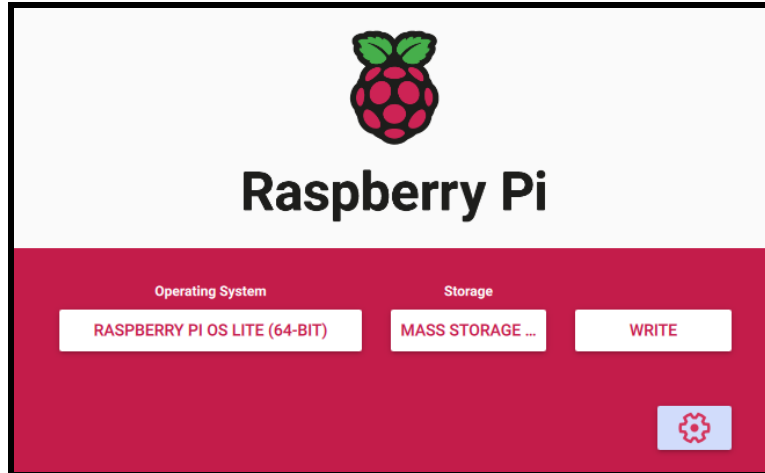
☒ Set locale settings

Time zone: Europe/Berlin ▼

Keyboard layout: de ▼

click save

> insert micro SD and boot Raspberry Pi



click write to create image and config on micro SD card

## Configure Raspberry Pi

- > connect per ssh
  - #ssh pi@<ip>
- > update Raspi software
  - #sudo apt-get update
  - #sudo apt-get dist-upgrade
- > install helpful software
  - #sudo apt-get install vim
- > configure root password
  - #sudo su
  - #passwd
  - toor123
  - #exit
- > enable ssh for root
  - #sudo vim /etc/ssh/sshd\_config
  - PermitRootLogin yes
  - #sudo reboot