

Follow the installation instructions on the official Raspberry Pi page in order to install the latest Raspbian. In this instruction, I'm using the debian buster based build of 2020/03/20.

Hint: Create an empty file with name "ssh" inside the boot partition of the sd-card. This enables ssh access on the RPI. You could do that manually as well by connecting a screen and keyboard, but since we are going to use the RPI in headless mode, that trick saves a lot of time.

Now we're ready to get started! Connect the RPI with ethernet and power it up. ssh onto it:

First of all, as you should always do before changing any packages on your linux system, update and upgrade it:

```
$ sudo apt-get update
$ sudo apt-get upgrade
```

Afterwards, install the editor of your choice - mine is vim:

```
$ sudo apt-get install vim
```

Install a firewall and configure ssh access. We'll be using ufw, which provides some basic but still good firewall rules. We'll also limit ssh access (find out what exactly that means!)

```
$ sudo apt-get install ufw
$ sudo ufw allow ssh
$ sudo ufw limit ssh
```