



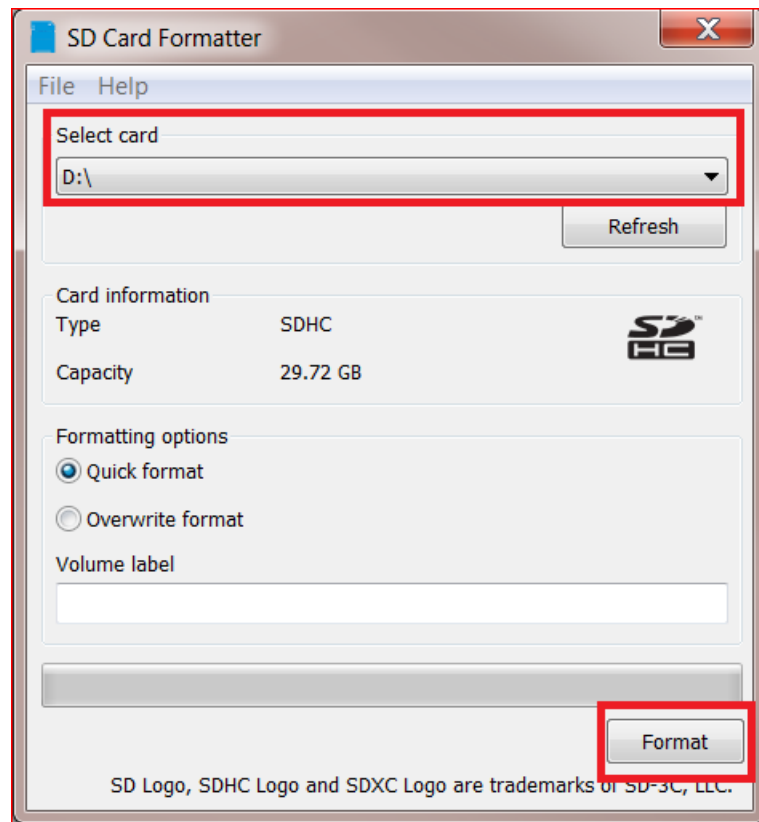
Installing OS on Raspberry pi

Prof. Chandrakant V. Borle

Requirements

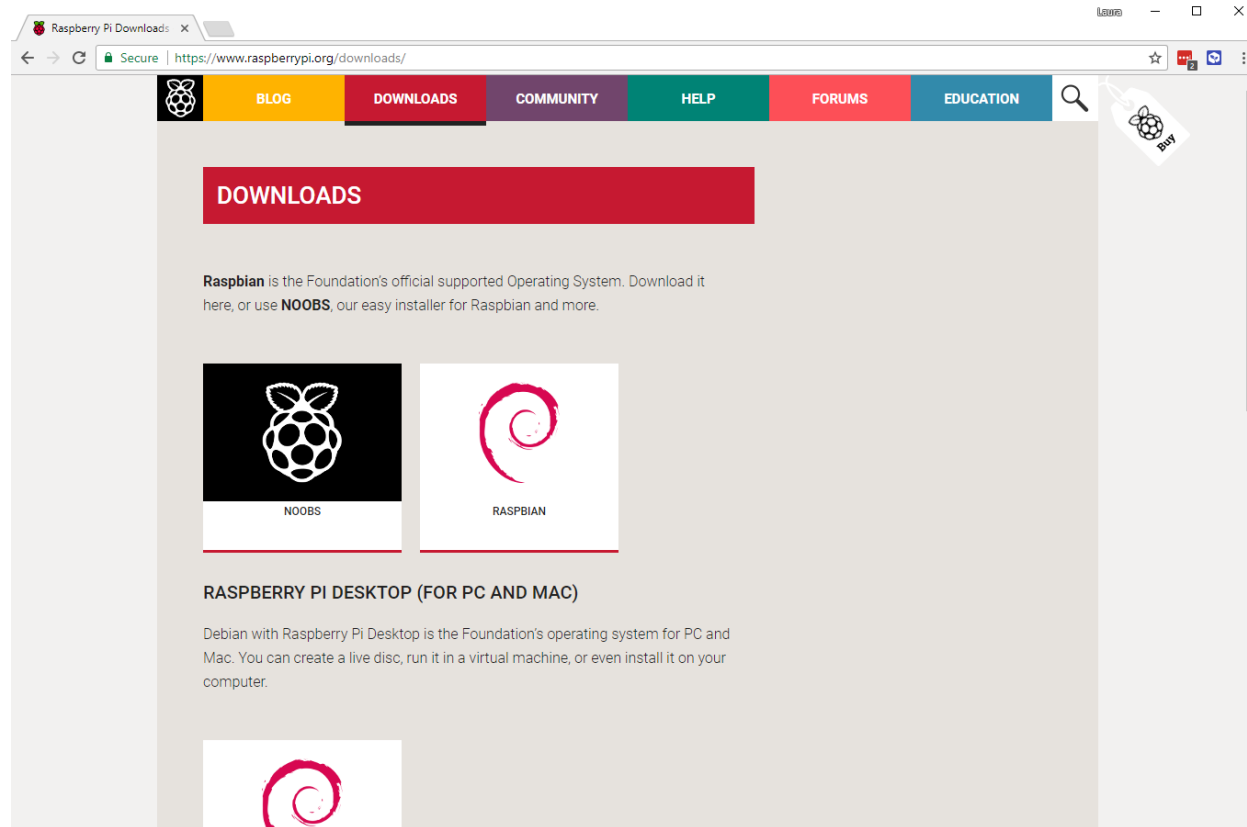
- **1st software:** SD Card Formatter.
- **2nd software:** software is Etcher or Win32 Disk Imager.
- **3rd Raspbian OS:** This is the Main operating system of the Pi.

SD Card Formatter.



Raspbian OS download

- www.raspberrypi.org/downloads/



You should see a box with a link to the NOOBS files. Click on the link.

Raspbian is the Foundation's official supported Operating System. Download it here, or use **NOOBS**, our easy installer for Raspbian and more.



NOOBS



RASPBIAN

The simplest option is to download the zip archive of the files.

NOOBS Lite contains the same operating system installer without Raspbian pre-loaded. It provides the same operating system selection menu allowing Raspbian and other images to be downloaded and installed.



NOOBS

Offline and network install

Version: 2.4.0

Release date: 2017-03-01



[Download Torrent](#)

[Download ZIP](#)

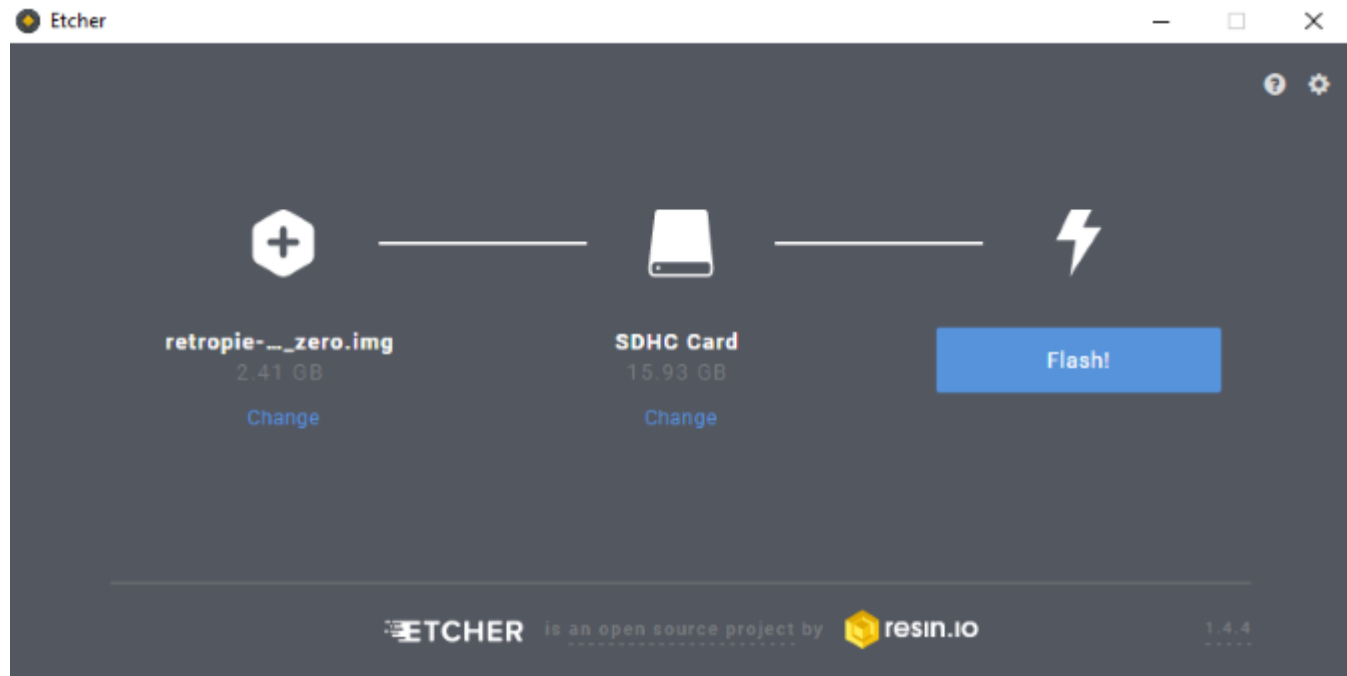


SHA-256: `affd54ab863330c03e64398d5ae38b0ea6c9e22e10374e714e94707f3380ea34` SHA-256: `fcdf10f83dab2769b`

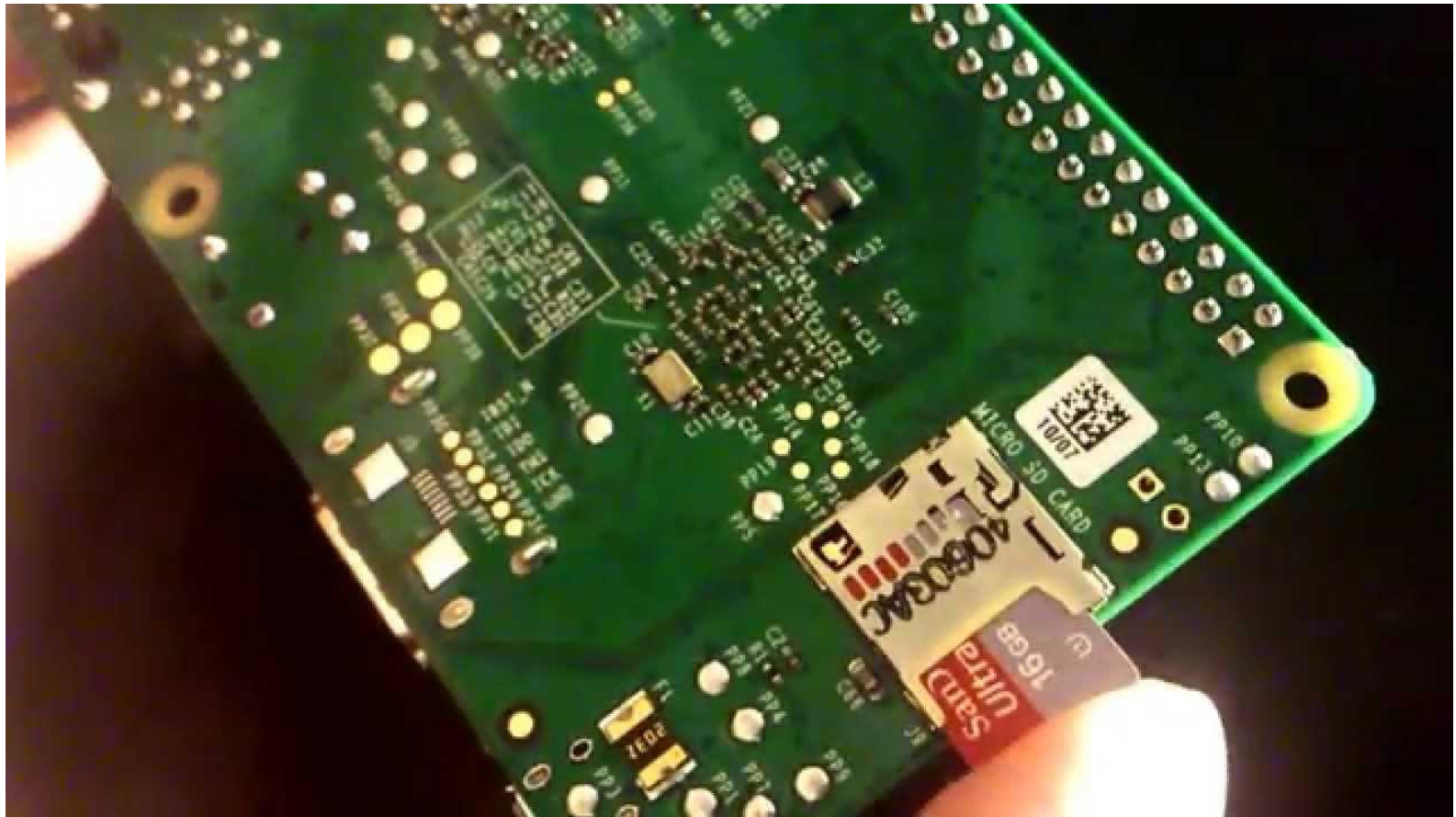
Insert SD card



Flash software is Etcher



Insert SD card into Rpi



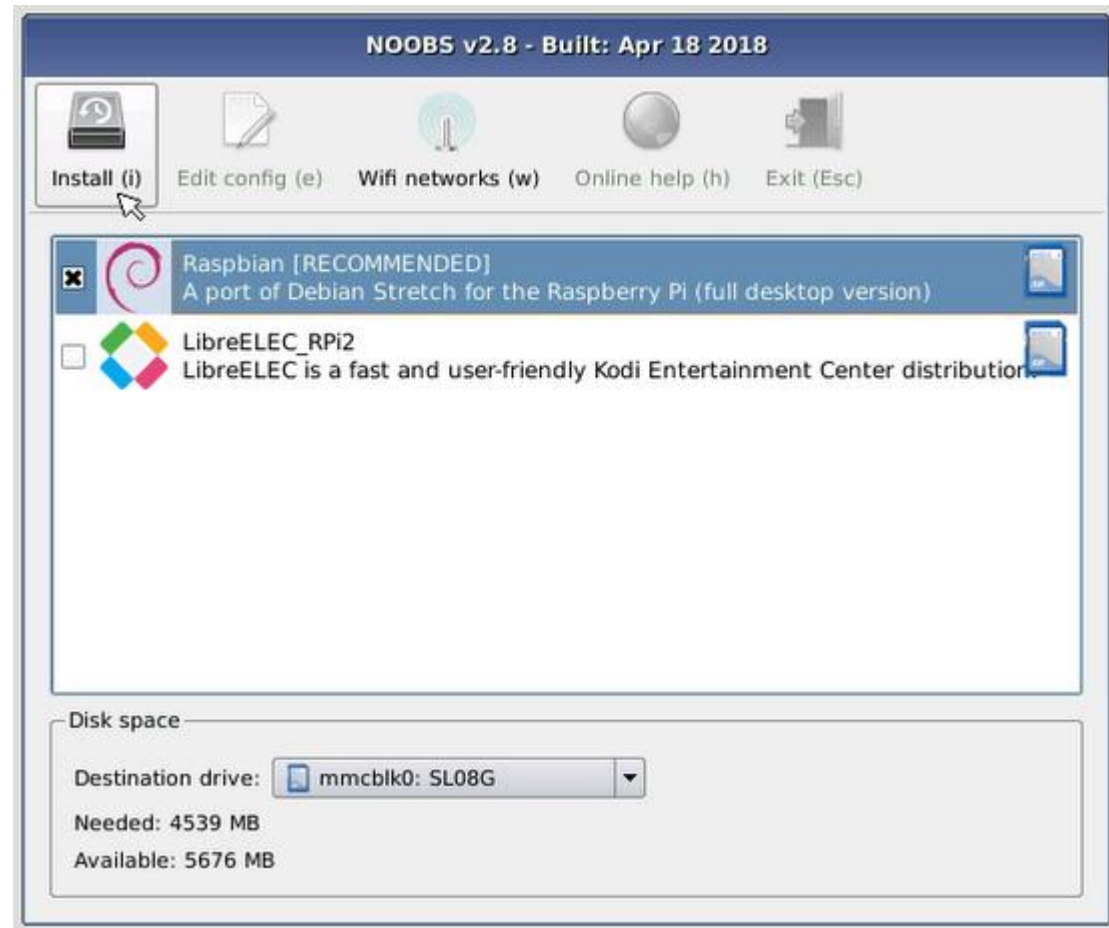
Booting Raspbian for the First Time

- With Raspbian installed, you'll need to login with the following credentials:
- **Username: pi**
Password: raspberry
- Remember that the password will not be displayed as you type it; there are no Windows-style * symbols representing the letters. Instead, it will appear that you haven't entered a password. This is a security feature in Linux to prevent people guessing the length of your passphrase. Just type the password regardless.
- Once Raspbian has booted, change your password by running:
- `sudo raspi-config`
- Select the **Change Password** option and follow the on-screen instructions.

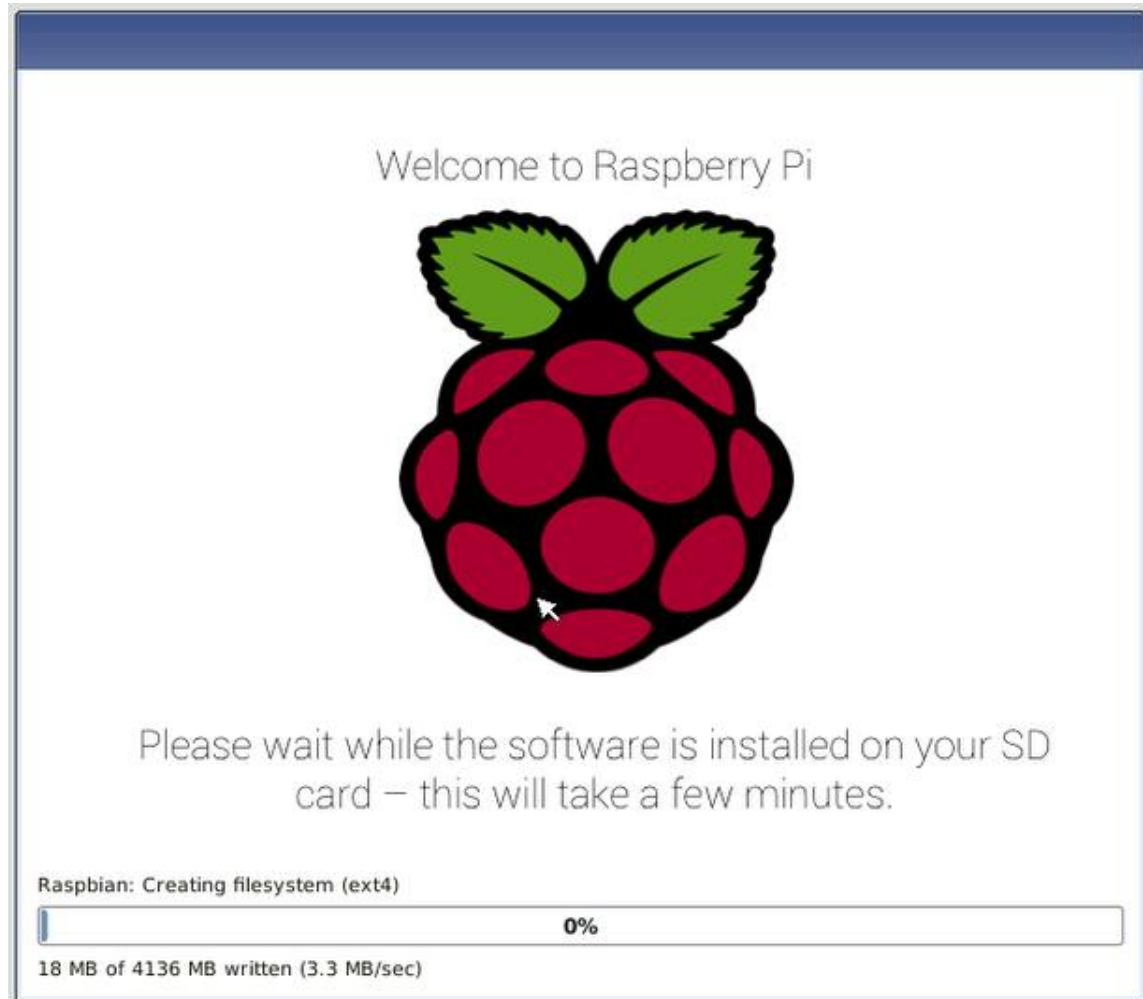
Booting from NOOBS

- Once the files have been copied over, insert the micro SD Card into your Raspberry Pi, and plug the Pi into a power source.
- You will be offered a choice when the installer has loaded. You should check the box for Raspbian, and then click Install.

After booting



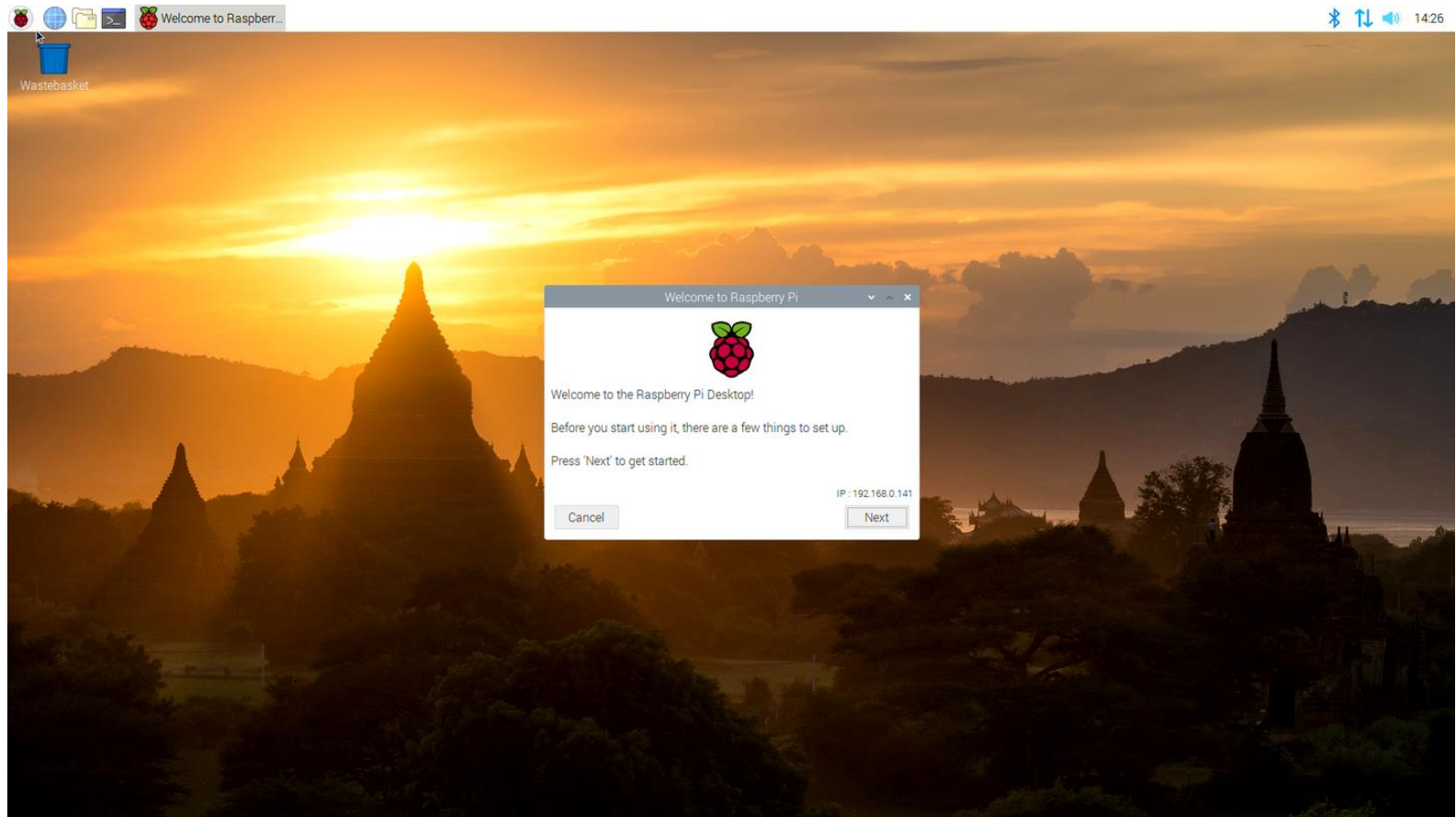
It will take a while, but Raspbian will install.



When Raspbian has been installed, click OK



your Raspberry Pi will restart and Raspbian will then boot up.



Case for Raspeberry



Questions ?

Rpi 3 B+

