1. INITIAL CONFIGURATION
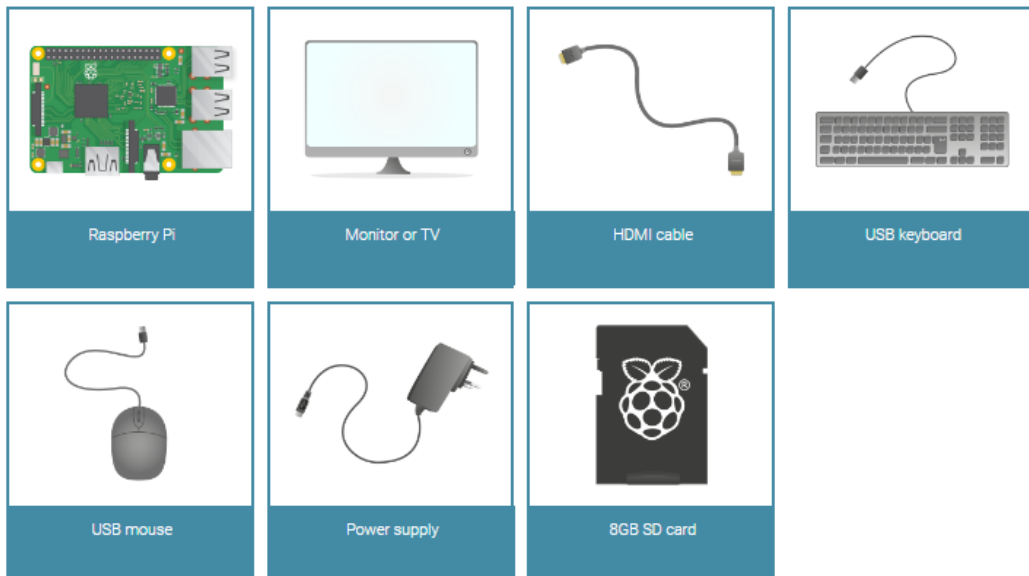
RASPBERRY COMPONENTS
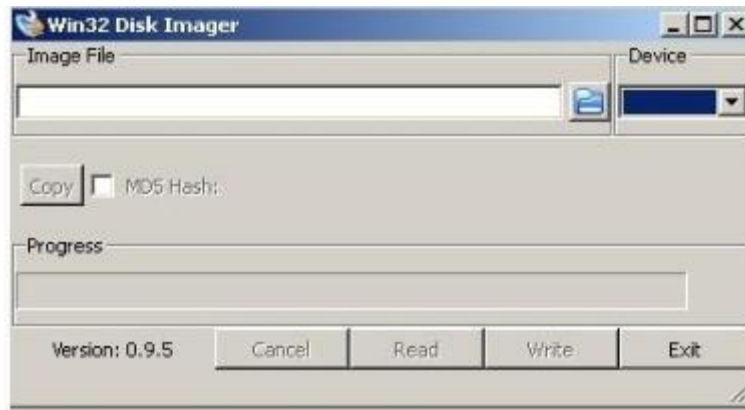

INSTALL RASPBIAN IN YOUR RASPBERRY

1. Visit the official Raspberry Pi Downloads page

2. Click on Downloads→Raspbian.

3. Click on the Download ZIP button under 'Raspbian Jessie', and select a folder to save it to.

4. Extract the files from the zip.

5. Download win32 Disk Imager: https://sourceforge.net/projects/win32diskimager/

6. Finally, click **Burn** to transfer Raspbian to the SD card. You'll see a progress bar that tells you how much is left to do. (Be careful choosing the correct device, otherwise you may lost important information from your disk)

FIRST-TIME CONFIGURATION

7. The first time that raspberry is initilized must be shown a blue screen like MSDOS/BIOS. In other case, you can show this screen writing: raspi-config in the bash.
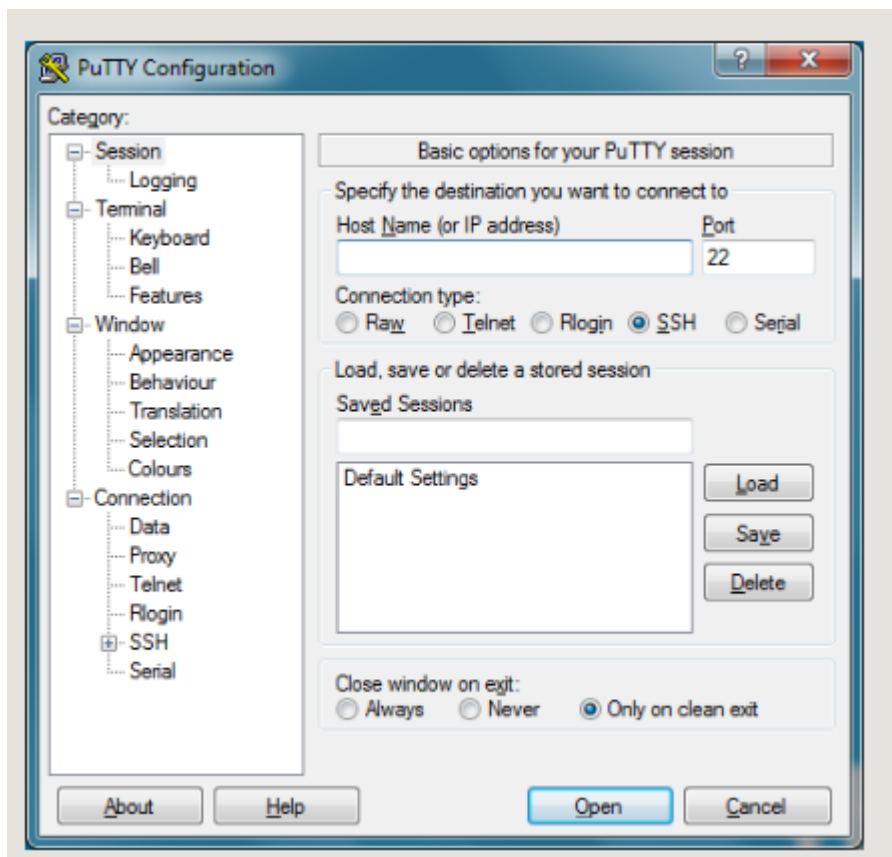

8. **E**xpand_rootfs – Expand root partition to fill SD card", to take advantage of all the space of your SD card.

9. Configure_keyboard – Set keyboard layout.

10. Enable ssh service

RASPBERRY REMOTE CONTROL

When the ssh service is enabled in your raspberry, you are able to control the device from your computer. You must follow the next steps:

11. Download the Putty application in your computer. http://www.putty.org/

12. Get the Raspberry's IP

13. Establish a connection between your computer and the Raspberry.

14- Create a new user (the name must be the name of your group)

```
sudo adduser group1
```