

RPi or RPi-0W Headless Setup

1. Download the latest images from:
<https://www.raspberrypi.org/downloads/raspbian/>
2. Recommend you do the sha256 check, ie;
sha256sum <downloaded-zip file>
3. Unzip the files;
unzip <downloaded-zip file>
4. Transfer the image to the microSD card;
sudo dd if=2017-09-07-raspbian-stretch.img bs=4M of=/dev/sdc status=progress
5. umount the micro ssd card and then remount it.
6. # sudo touch /path/to/ssd_card_boot_partition/boot/ssh
7. # nano
/path/ssd_card/ssd_card/_other_partition/etc/wpa_supplicant/wpa_supplicant.conf
There will be a file there which you need to over write with

=====copy below=====
ctrl_interface=DIR=/var/run/wpa_supplicant.conf
update_config=1
country=AU
network={
 ssid="Your SSID"
scan_ssid=1 #Only need this with hidden networks
 psk="your_password_for_the_router"
 key_mgmt=WPA-PSK
}

network={
 ssid="pocketwifi-5746"
 psk="your_password_for_the_router"
 key_mgmt=WPA-PSK
}

+++++++copy above+++++++
8. Save that file
9. Connect to power
10. Determine the RPi's IP address
11. Connect with # ssh pi@<IP_Address>
12. Change your password, # sudo passwd pi