The following steps will teach you how to start the Raspberry Pi system image

1.Power supply:

The Raspberry pi board can adopt two power supply modes:

1) Type-C: the power adapter is 5V/3A.

2) You can connect the expansion board of Yahboom car Raspberry pi board by 40pin line to supply power to it.

(In case of stable power supply: red power indicator LED on, and the yellow-green signal indicator LED will flash occasionally)

3) Powering with POE: You need to purchase another POE hat, which can be powered by a network cable POE.

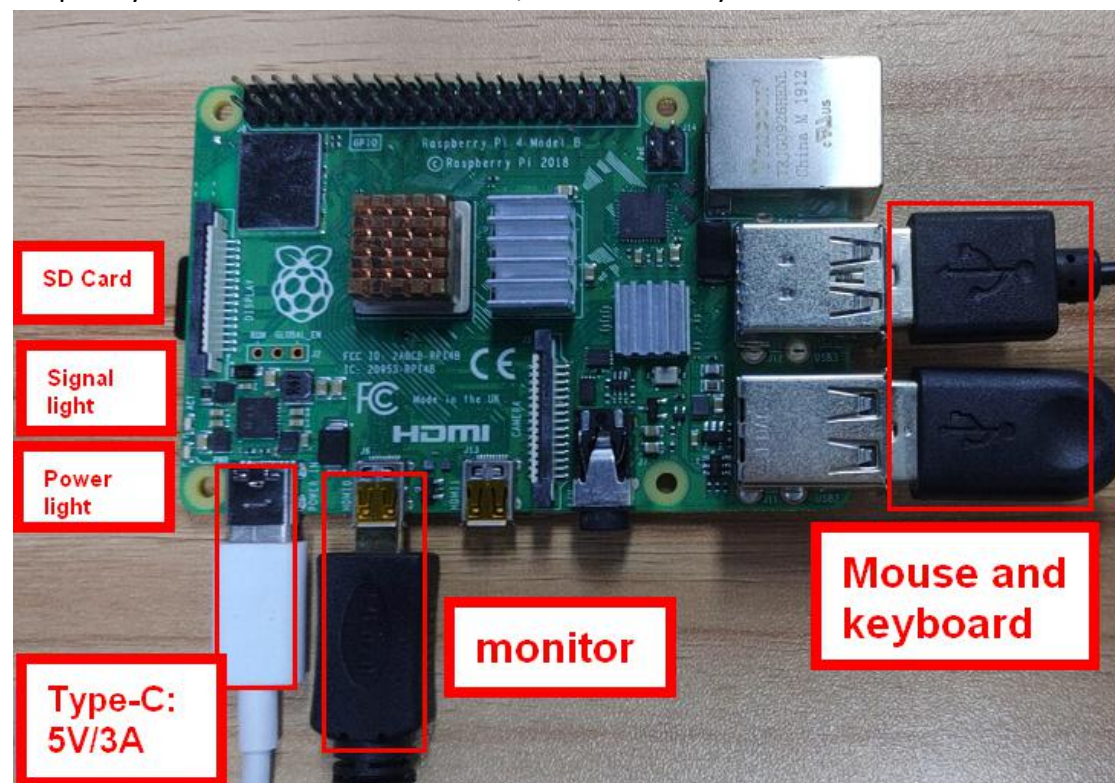Official original system image of the Raspberry Pi.

Use name: pi

Password: raspberry

Root password: raspberry

2.Start the system image（Type-C power supply)

If you are using the official original system image of the Raspberry pi or your system image.
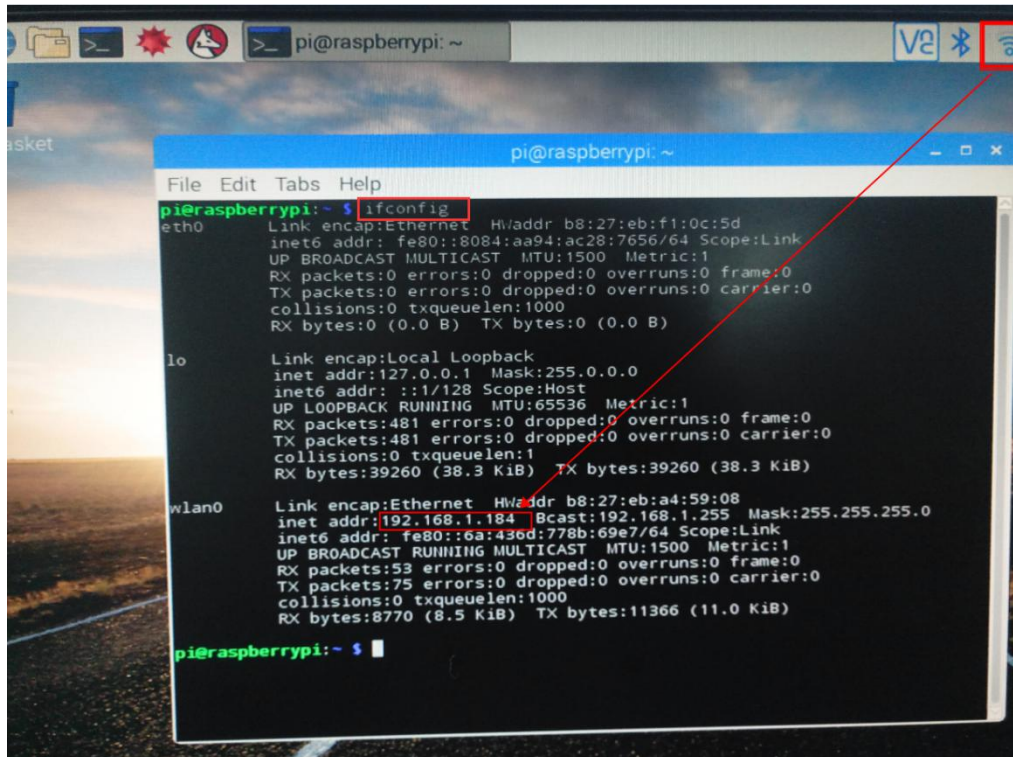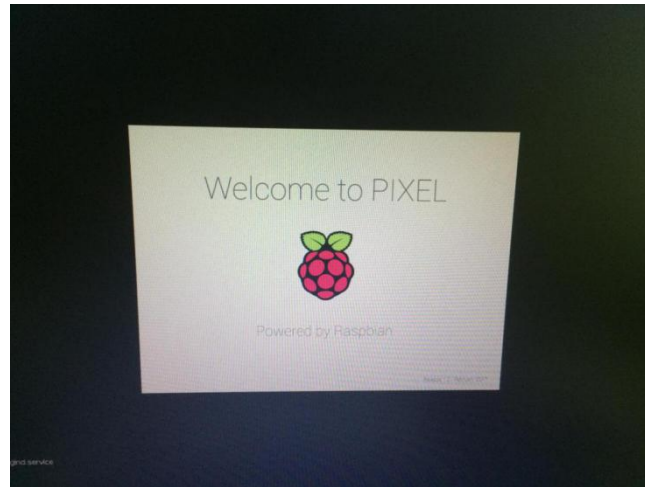
After the system image is written, you should insert the SD card directly into the Raspberry Pi. And connect the monitor, mouse and keyboard.

After entering the system, you can connect to the currently available WIFI.

You need to open the command line terminal in the Raspberry Pi system and input：
ifconfig to search the IP address of the Raspberry Pi, as shown in the figure below.

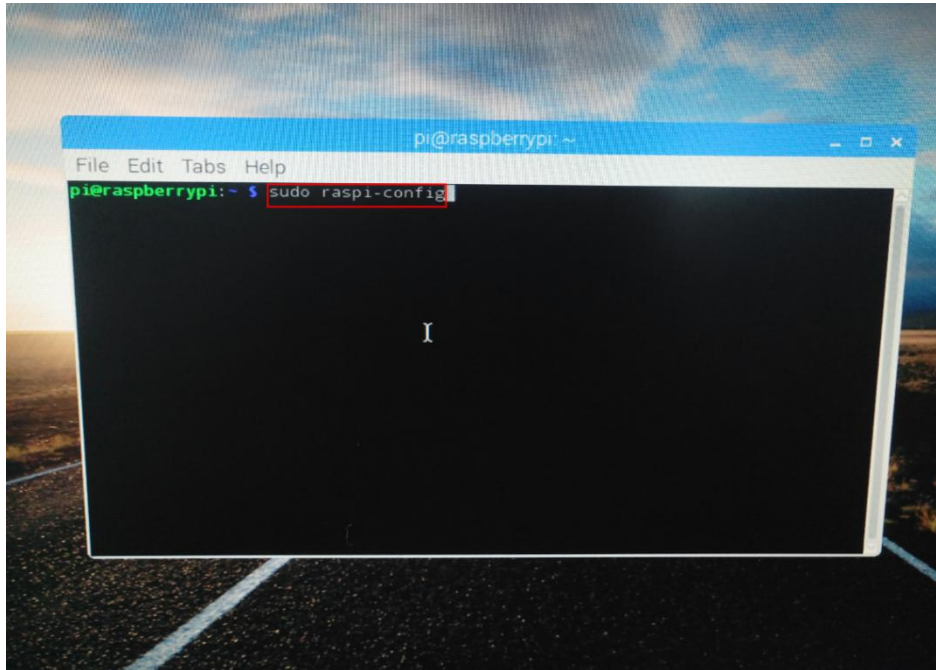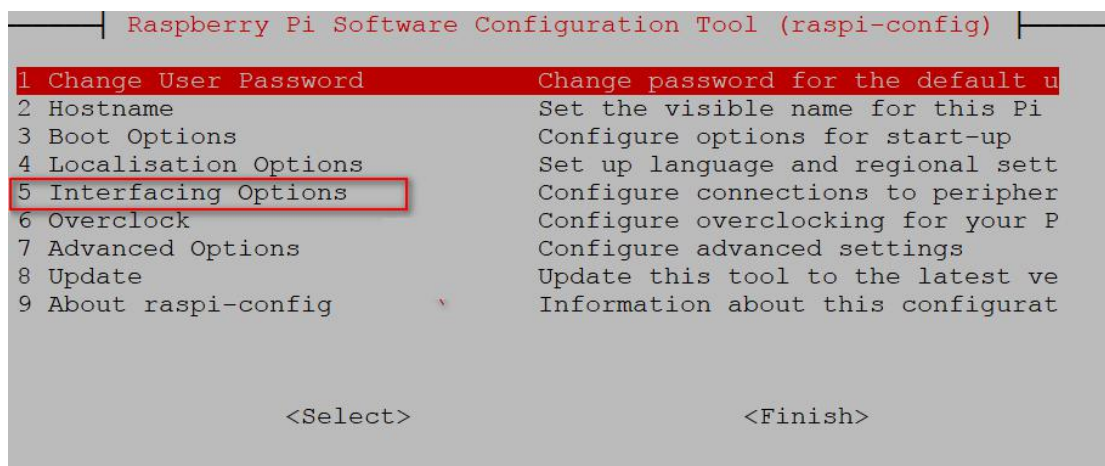(Note:just for example:my IP address of the Raspberry Pi is 192.168.1.184)

The following steps will teach you how to open SSH service.

(Note: Official original system image of the Raspberry pi without SSH service, so we need to open this service by yourself.)
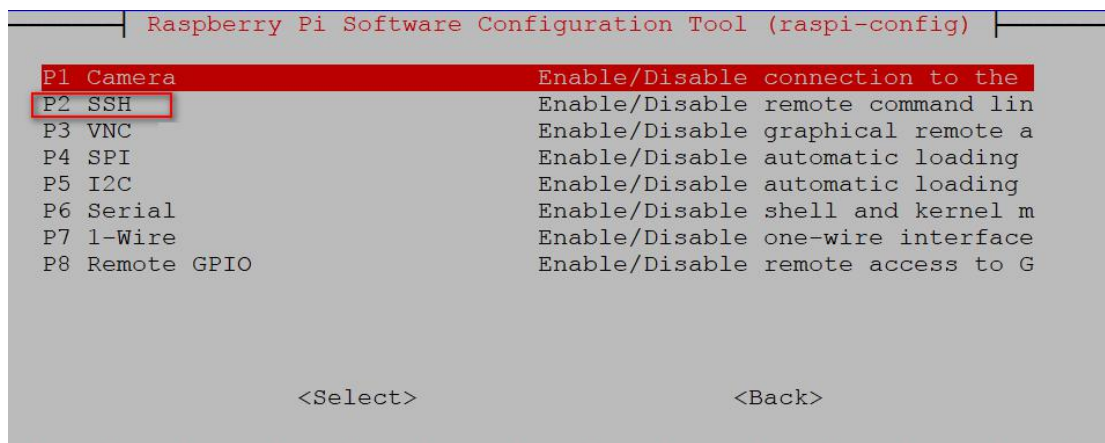
1)You need to open the command line terminal in the Raspberry Pi system and input:sudo raspi-config ,as shown in the figure below.

2)You should choose :5 Interfacing Options,as shown in the figure below.

```
     ┤        Raspberry Pi Software Configuration Tool (raspi-config) ├

  1 Change User Password         Change password for the default u
  2 Hostname                     Set the visible name for this Pi
  3 Boot Options                 Configure options for start-up
  4 Localisation Options         Set up language and regional sett
  5 Interfacing Options          Configure connections to peripher
  6 Overclock                    Configure overclocking for your P
  7 Advanced Options             Configure advanced settings
  8 Update                       Update this tool to the latest ve
  9 About raspi-config           Information about this configurat



                  <Select>                        <Finish>
```

3)You should choose :P2 SSH, as shown in the figure below.

```
     ┤        Raspberry Pi Software Configuration Tool (raspi-config) ├

  P1 Camera                      Enable/Disable connection to the
  P2 SSH                         Enable/Disable remote command lin
  P3 VNC                         Enable/Disable graphical remote a
  P4 SPI                         Enable/Disable automatic loading
  P5 I2C                         Enable/Disable automatic loading
  P6 Serial                      Enable/Disable shell and kernel m
  P7 1-Wire                      Enable/Disable one-wire interface
  P8 Remote GPIO                 Enable/Disable remote access to G



                  <Select>                        <Back>
```

After the above steps, we have opened the SSH service successfully.

After rebooting the system, you can use PuTTY software to remote login into the system.