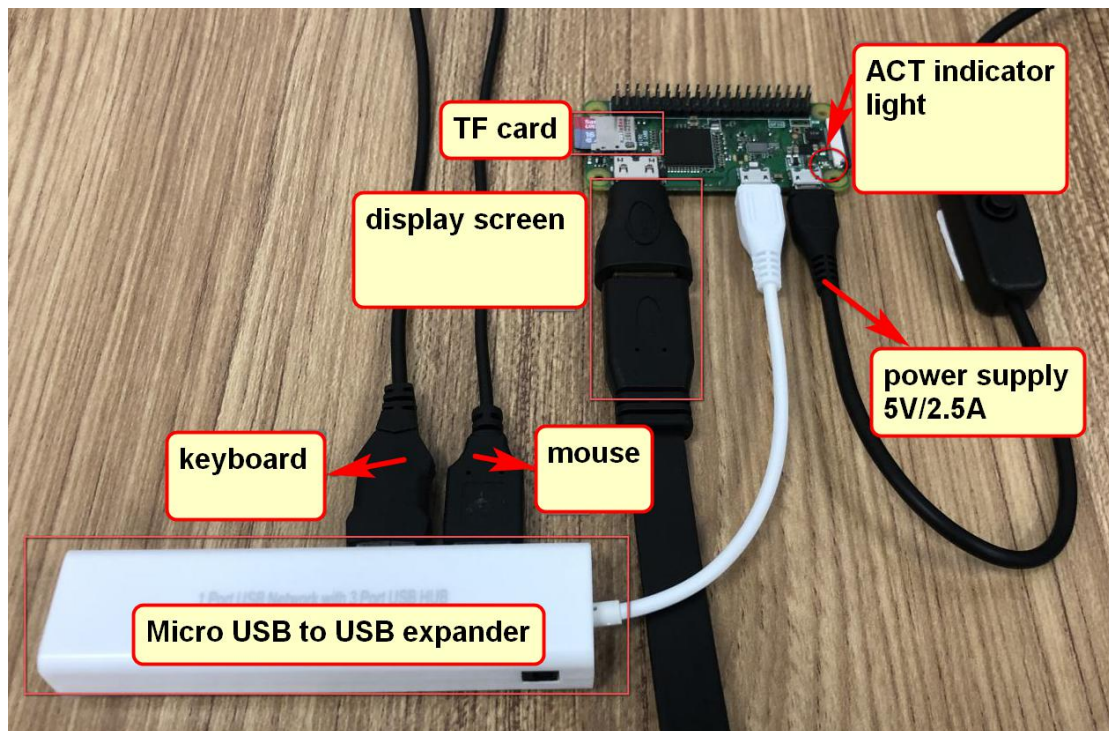


After writing the system image, insert the micro-SD card directly into the micro-SD card slot on the front of the Raspberry Pi Zero/Zero W.

We need to connect the monitor, power supply, mouse, and keyboard to the Raspberry Pi Zero/Zero W. Due to only one Micro usb port on the Raspberry Pi Zero for data transmission, if you want to connect the mouse and keyboard at the same time, you need a Micro USB to USB expander.

After turning on the power switch on the power cord, you can enter the Raspberry Pi system.



Compared with 3B, the Raspberry Pi zero indicator use a separate ACT. Normally, the act light starts flashing. It will flash when the Raspberry Pi is reading or writing data. Next, try to log in to the Raspberry Pi system remotely.

Raspberry Pi Zero

Since the Raspberry Pi Zero does not come with WIFI and Bluetooth.

If you want to make your Raspberry Pi Zero connects to the network,

Method 1- use a USB hub with a network port

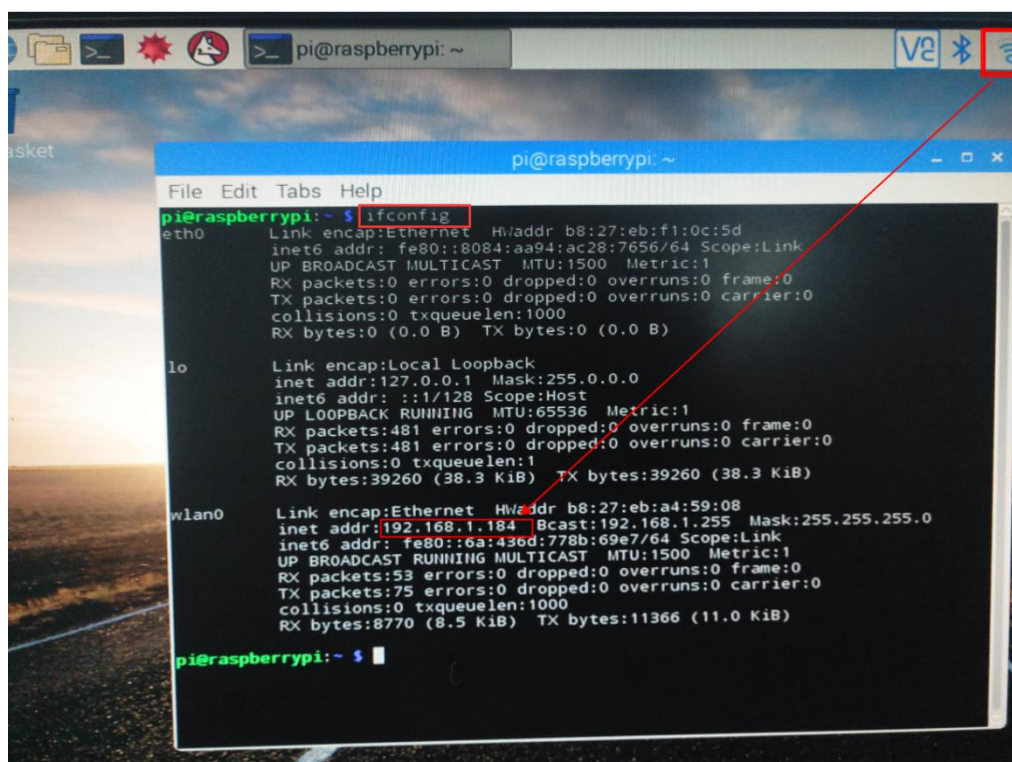
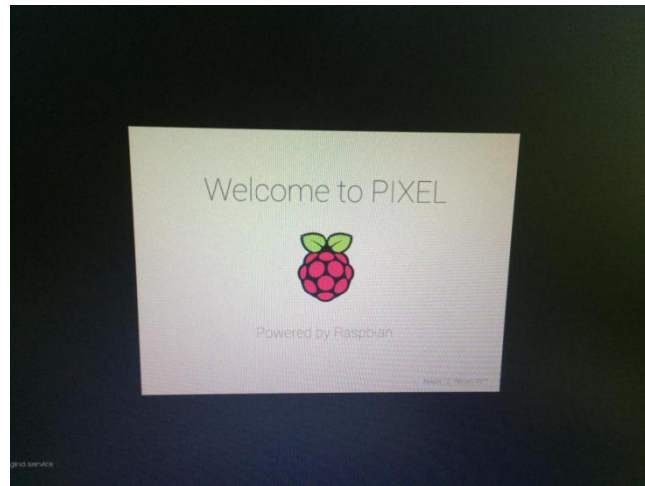
Method 2- use a USB wireless network card

Method 3- connect to the shared network through other devices.

Raspberry Pi Zero W

We need to make the Raspberry Pi Zero W connect to wifi. Open the command line terminal (Ctrl+Alt+T) in the Raspberry Pi system, and input: **ifconfig** to search the IP address of the Raspberry Pi, as shown in the figure below.

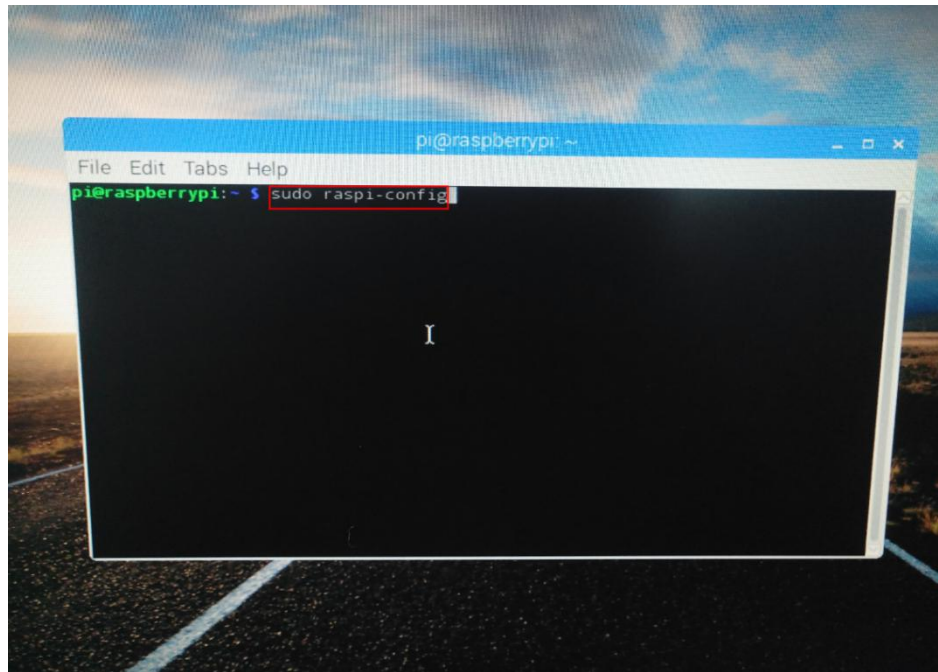
(Note:just for example:my IP address of the Raspberry Pi is 192.168.1.184)



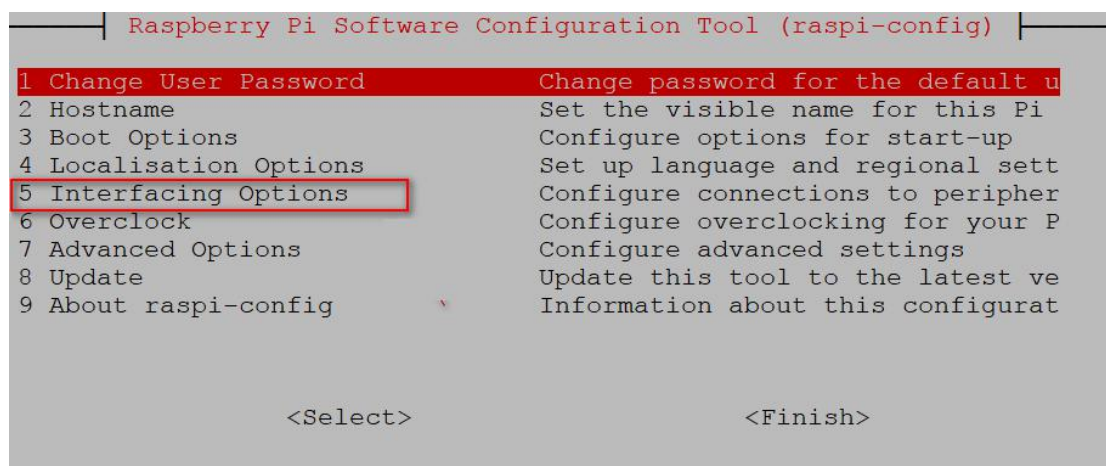
The following steps will teach you how to open SSH service

(Note:Official original system image of the Raspberry pi without SSH service, so we need to open this service by ourself.)

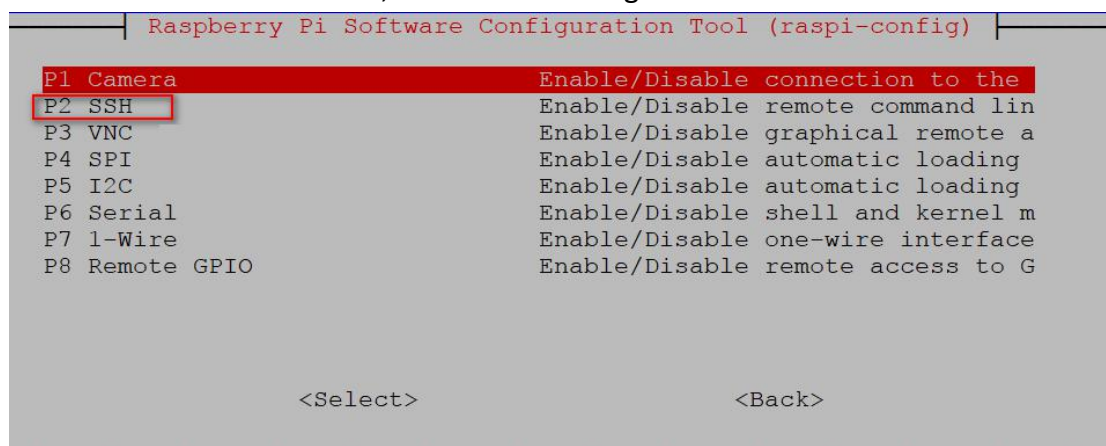
1.You need to open the command line terminal in the Raspberry Pi system and input:**sudo raspi-config** ,as shown in the figure below.



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



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



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.

Official original system image of the Raspberry Pi:

Use name: pi

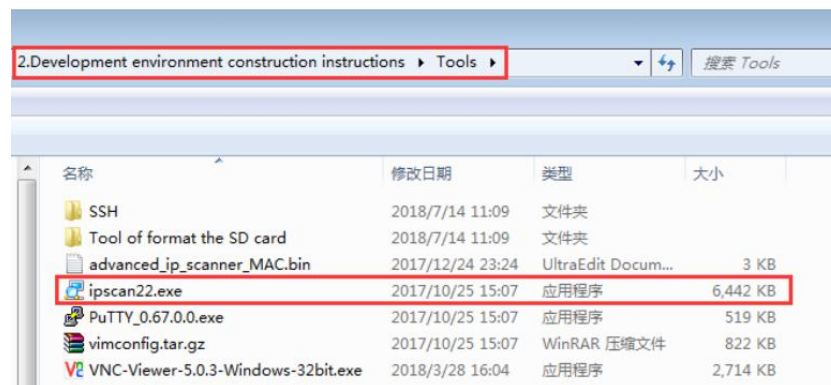
Password: raspberry

Root password: raspberry

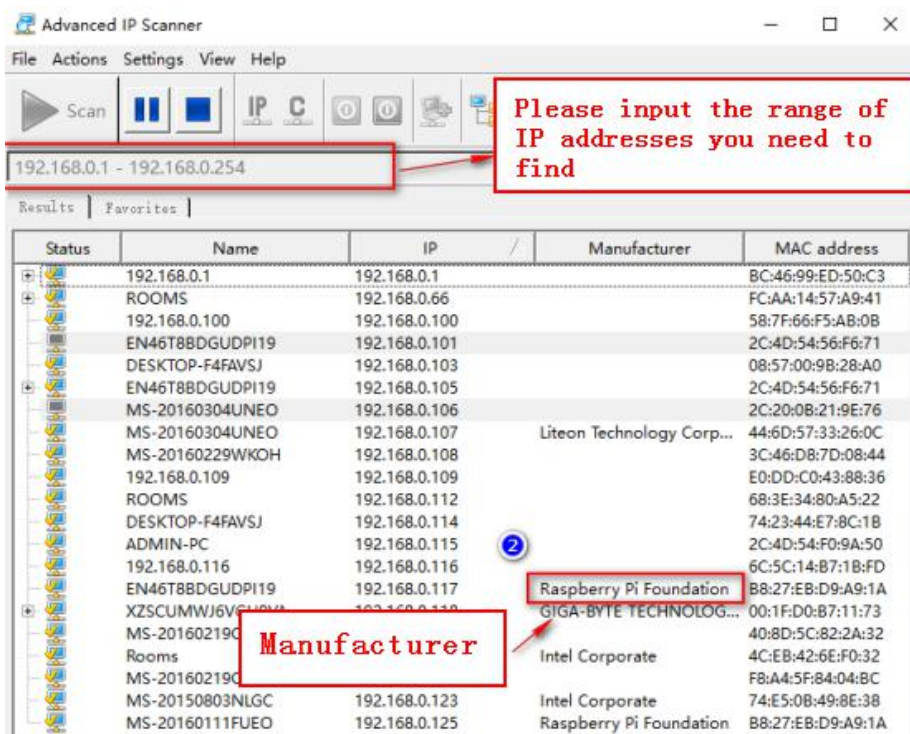
The following steps will teach you how to obtain IP address

You need to insert the Internet cable into the Raspberry Pi board, and the indicator light of the Raspberry Pi network port will flash. You can get the IP address of the Raspberry Pi by IP SCAN software.

(Note : This software in the Tools folder)



You can double-click to use it.



Then you can remote login into the system with this IP address.

To start and access the Raspberry Pi, there are three main ways:

Raspberry Pi raspbian system user name is pi, password defaults to raspberry; root user password is raspberry.

1. Directly to the Raspberry Pi to connect an HDMI display and mouse and keyboard, and then directly operate after open the power;
1. Access the Raspberry Pi via SSH or serial port, we need to use the putty tool here;
3. Remotely log in to the Raspberry Pi by the VNC service (requires configuration).