4. Raspberry Pi write system

1. Preparation for installation

Note: ROSMASTER robot supporting the TF factory has been burned image, you can directly insert the TF card into the robot to use, generally do not need to follow this tutorial burn image system!

1. Prepare a Win10 system computer, card reader and TF card (recommended 32G or larger)
2. Download the image

Find the factory image in the information, according to different motherboards to download the corresponding mirror zip file.

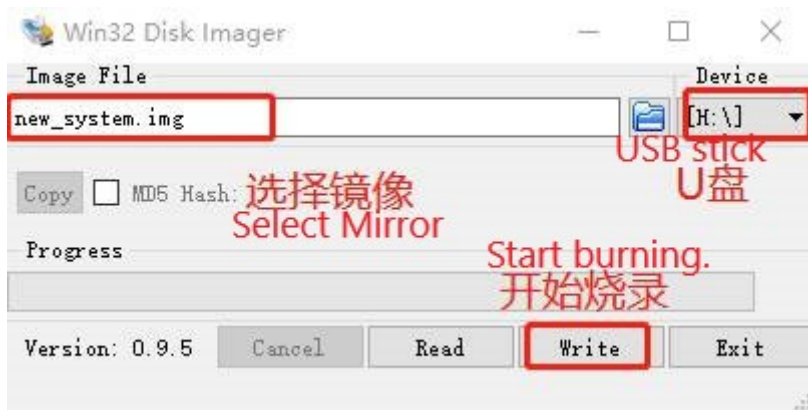System default username: pi, password: yahboom

3. Format SD card

Use SDFormatter to format the TF card, here note that you must not choose the wrong Drive, otherwise it will cause unnecessary trouble. If the TF card has been burned system, may be the first format will be an error, and then executed once on the line.

2. Write system

1. Unzip the downloaded system zip file and get the img image file.
2. Insert the TF card into the card reader, and then insert the card reader into the USB port of the computer.
3. Unzip and run Win32DiskImager tool
4. Select the img (image) file in the software, select the disk drive under "Device", and then select "Write".

Then start to burn the system, according to your TF card and card reader speed, the burning process may be fast or slow.

5. Burning will pop up after the end of the completion dialog box, indicating that the installation is complete, if unsuccessful, please turn off the firewall and other software to re-burn. Please note that after the installation, windows system to see the TF card is divided into multiple partitions and can not be clicked to enter, this is a normal phenomenon, because linux under the disk partition under win is not visible!

At this point, the raspberry pi system will be burned successfully. After burning successfully, the system may be unable to recognize the partition and prompted to format the partition, do not format at this time! Do not format! Don't format! Click cancel, and then pop up the TF card.