

# Burn the image to the Raspberry Pi

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Note: The TF card of the Gouzhi is already burned with the image when it leaves the factory. You can directly insert the TF card into the Raspberry Pi for use. In general, you do not need to burn the image system according to this tutorial!!!

## 5.1 Preparing for Installation

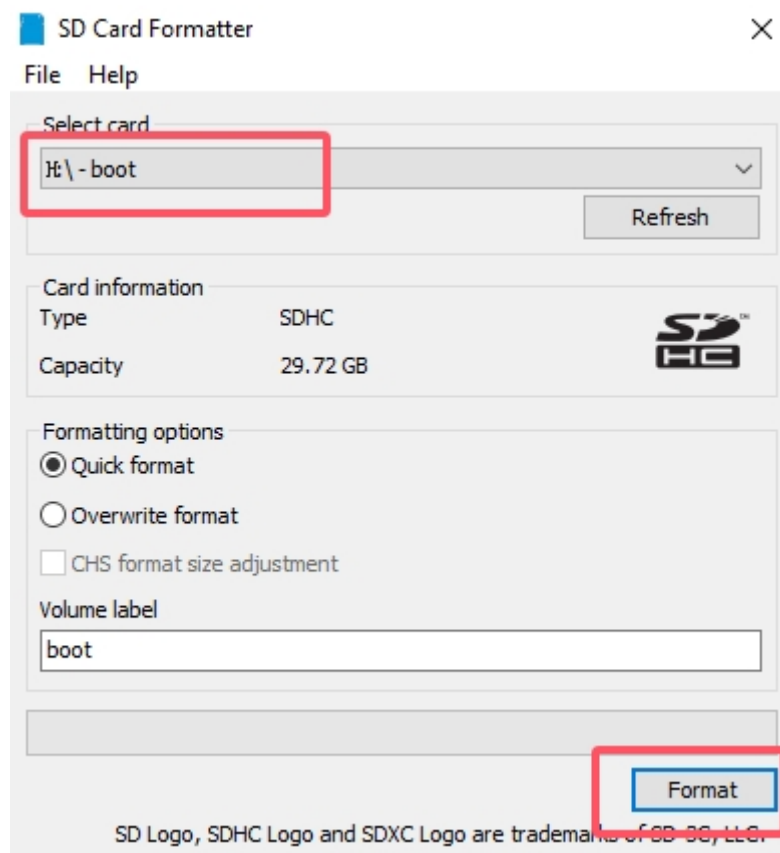
1. Prepare a windows computer, card reader and TF card (64G or larger is recommended)
2. Download the image

Find the factory image in the documentation.

System default username: pi, password: yahboom

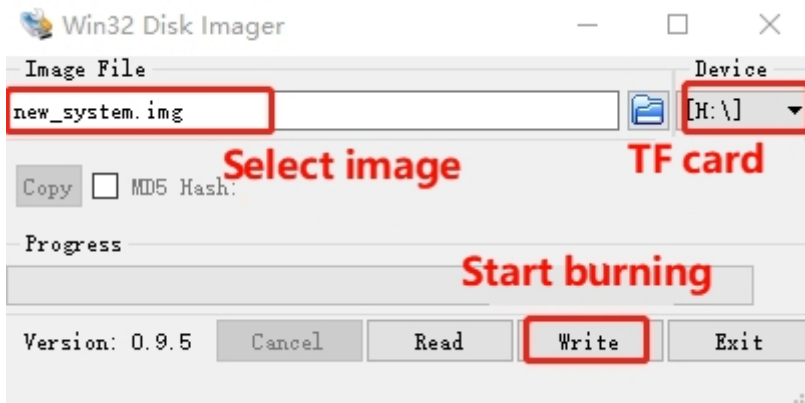
3. Format SD card

Use SDFormatter to format the TF card. Be careful not to select the wrong Drive, otherwise it will cause unnecessary trouble. If the TF card has already been burned with a system, the first formatting may go wrong, just execute it again.



## 5.2 Burning system image

1. Unzip the downloaded system compressed file to 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 the Win32DiskImager tool
4. Select the img (image) file in the software, select the drive letter under "Device", and then select "Write" to start burning the system. The burning process may be fast or slow depending on the speed of your TF card and card reader.



5. After the burning is completed, a completion dialog box will pop up, indicating that the installation is complete. If it is unsuccessful, please close the firewall and other software and burn again. Please note that after the installation, you can see that the TF card is divided into multiple partitions in the Windows system and cannot click to enter. This is normal because the disk partitions under Linux cannot be seen under Win!

At this point, the Raspberry Pi system is successfully burned. After the burning is successful, the system may prompt you to format the partition because it cannot recognize the partition. Do not format it at this time! Do not format it! Do not format it! Click Cancel and then eject the TF card.