

# SSH remote login and file transfer

**Tip:** Configured image, username: jetson original password: yahboom

## 1. Remote login tutorial

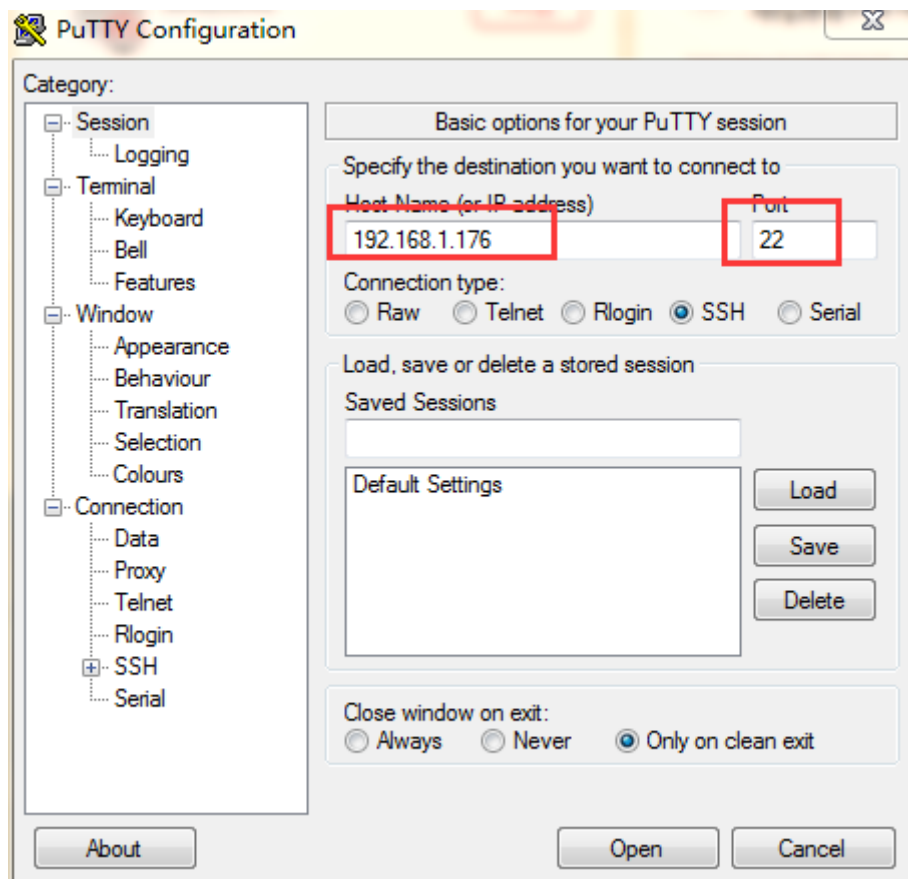
1. First determine the IP address of your board.

Method 1: Directly during the system installation process, open the command prompt through ctr+Alt+T in the interface and enter: ifconfig

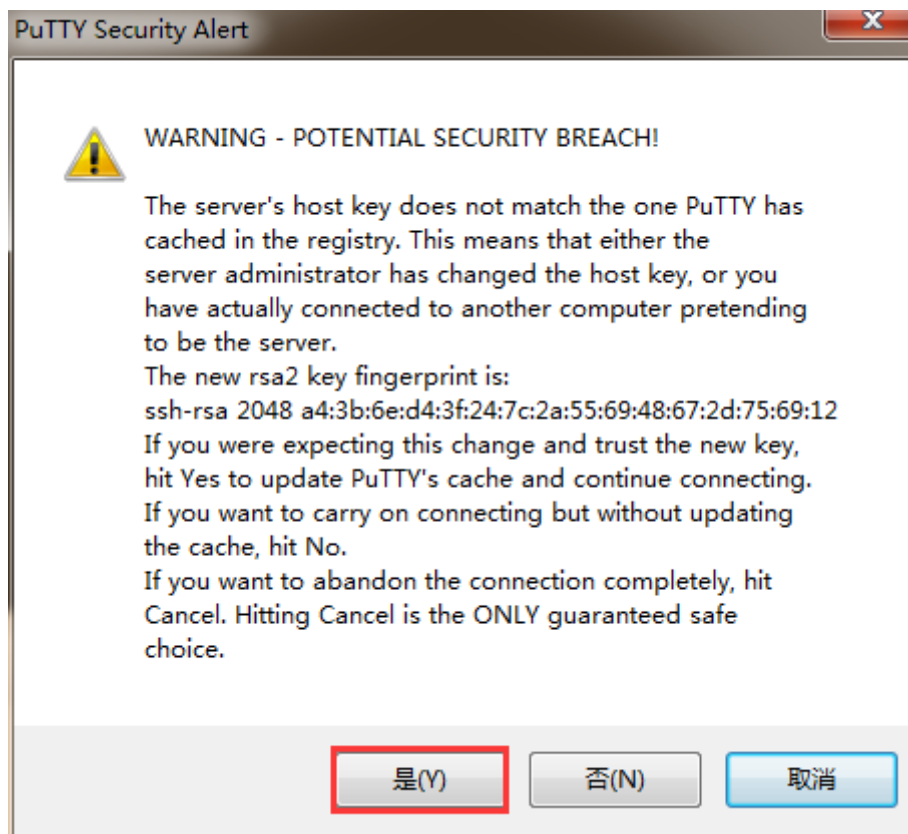
Find the IP address of the corresponding wired network card eth0. If you have purchased a wireless network card, please see the address under wlan.

Method 2: You can log in to the wireless router management system and find the IP address of the board.

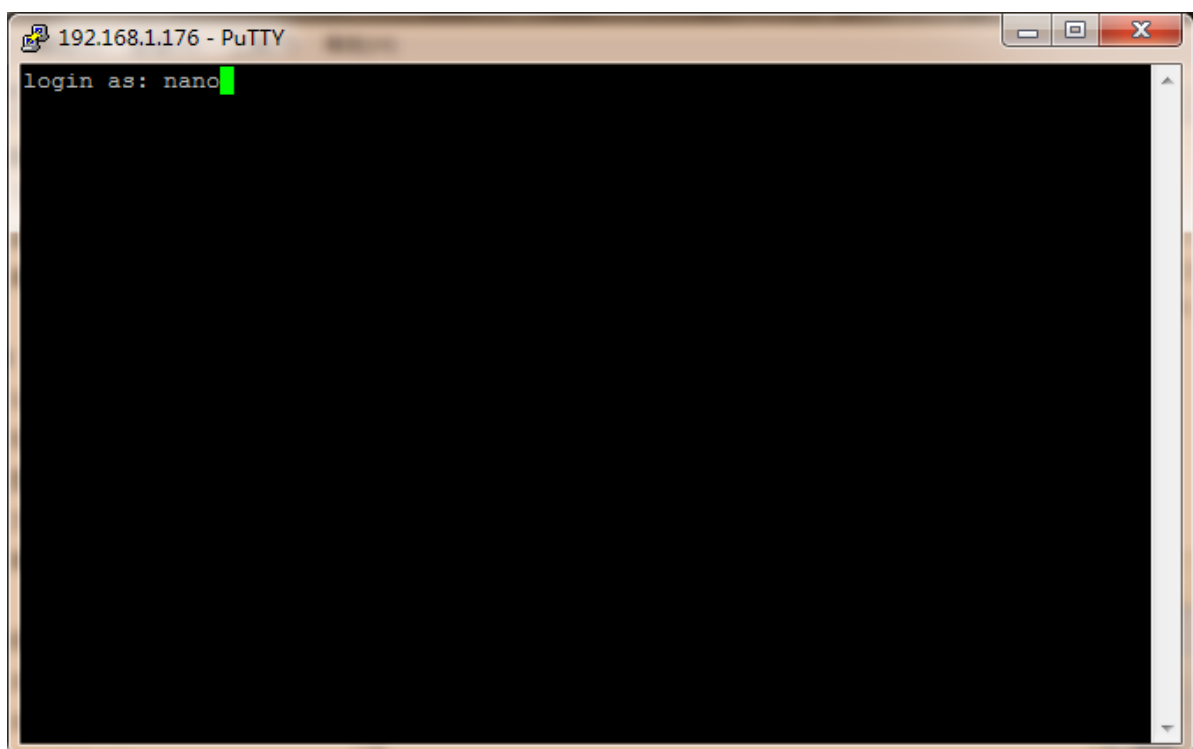
2. Open putty and enter the IP address and port number below. The default system has enabled the ssh service.



Finally, open Open and click Yes as prompted below.



3. Enter the login name we entered when installing the system, for example, nano here.



Then enter the password and enter the terminal mode.

**Note:** Enter the password here, the password you enter is hidden, just press Enter after entering

```
nano@nano-desktop: ~
login as: nano
nano@192.168.1.176's password:
Welcome to Ubuntu 18.04.2 LTS (GNU/Linux 4.9.140-tegra aarch64)

* Documentation:  https://help.ubuntu.com
* Management:    https://landscape.canonical.com
* Support:       https://ubuntu.com/advantage
This system has been minimized by removing packages and content that are
not required on a system that users do not log into.

To restore this content, you can run the 'unminimize' command.

0 个可升级软件包。
0 个安全更新。

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

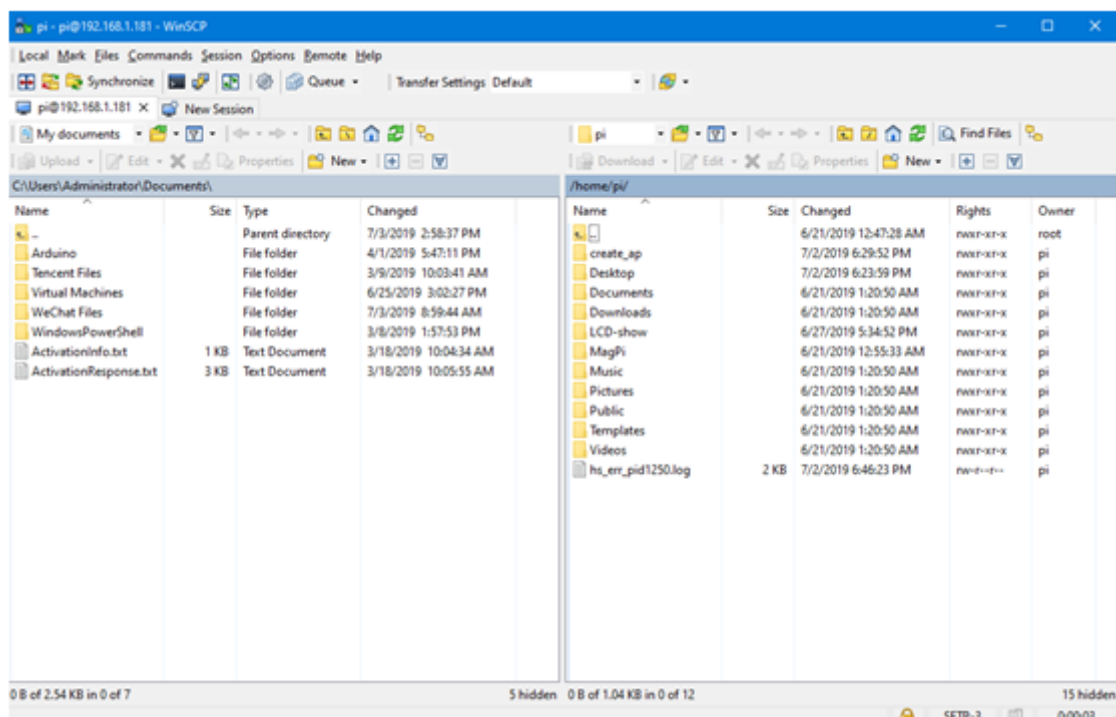
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

nano@nano-desktop:~$
nano@nano-desktop:~$
nano@nano-desktop:~$ ls
Desktop  examples.desktop  公共的  模板  视频  图片  文档  下载  音乐
nano@nano-desktop:~$
```

## 2. Remote file transfer tutorial

Sometimes we need to transfer files between two different systems, Windows and Linux. Since these are two different file systems, we need to use the so-called ssh service to transfer files across systems. Here I use winSCP software to transfer, which is simple and easy to use.

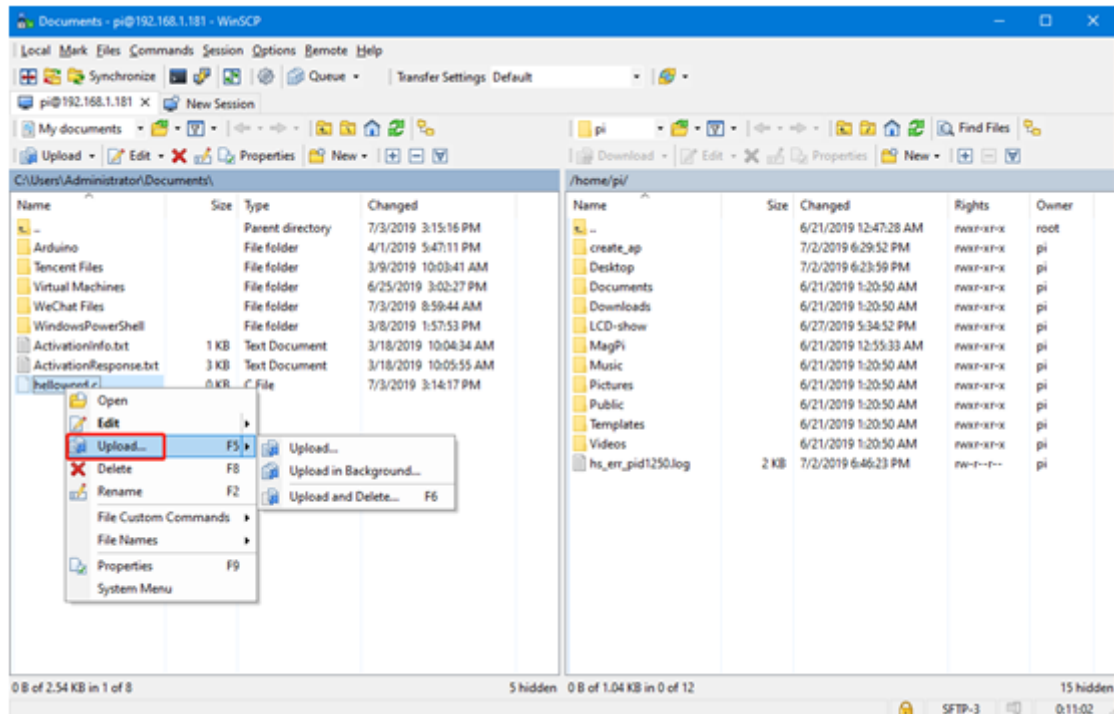
Enter the IP address, user name, and password of the new site and click Login. If the above information is not modified, you can save it directly and enter the corresponding user system next time.



The following interface appears, which means the login is successful

The left side is the window side, and the right side is the Linux system side. You can directly drag and drop files to the other side for file transfer, or right-click the file to select the corresponding operation, such as move, delete, etc.

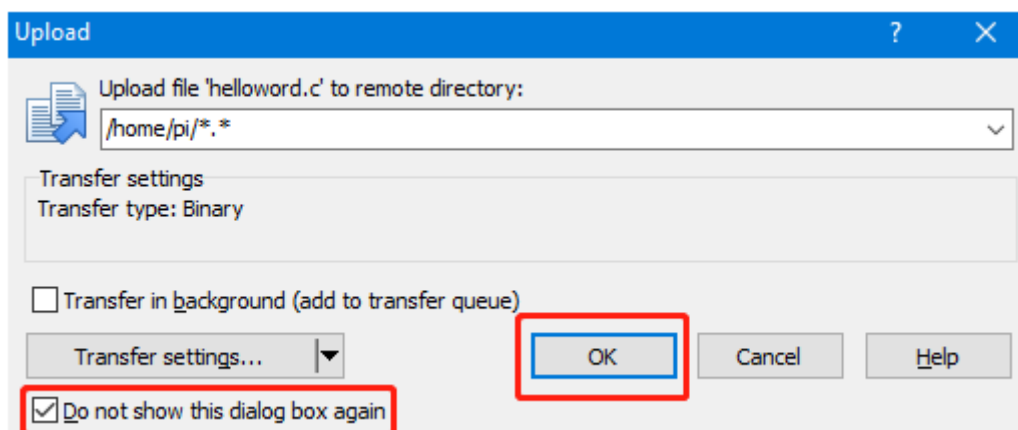
Click Login and the following interface will be displayed after the login is successful. The left side is the folder of the win computer, and the right side is the folder of nano.



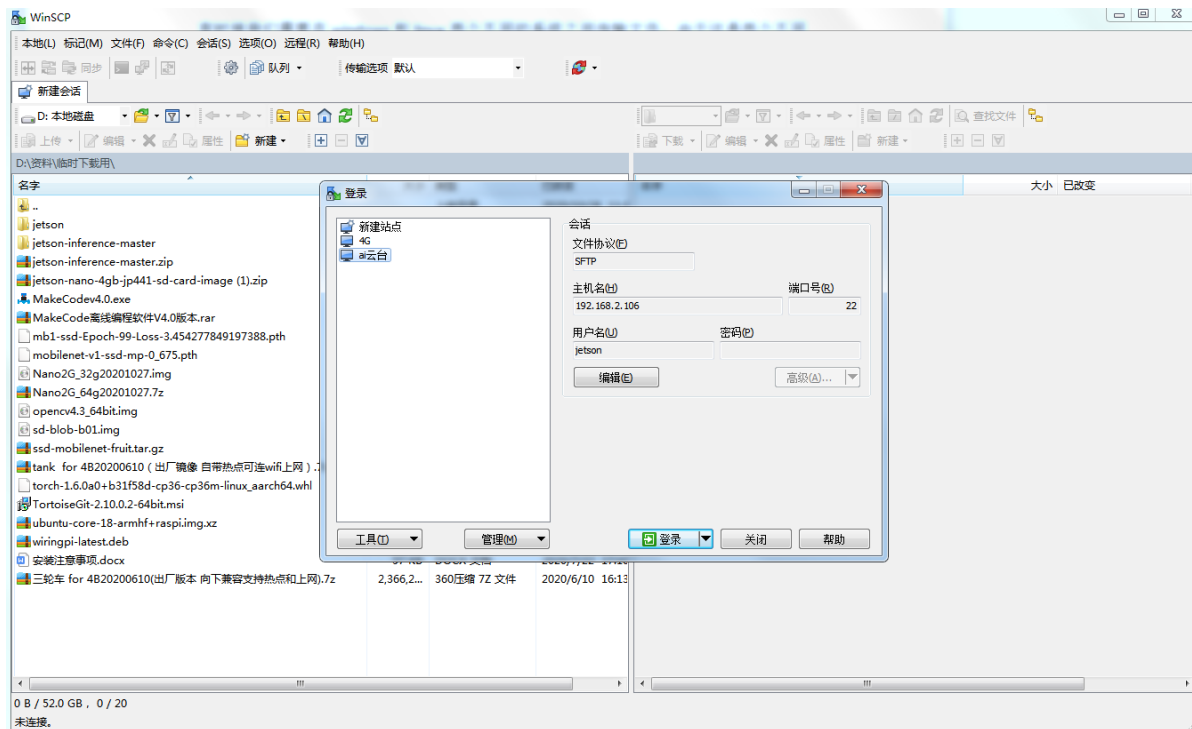
There are three ways to transfer files. The first is to directly drag the file from the left to the right, or from the right to the left. The system will automatically copy a file and transfer it.

The second method is to select the file with the mouse and then press the F5 key, and the selected file will be copied to the other side.

The third method is to select the file and click the right button of the mouse. If it is transferred from a win computer to nano, click upload.



A prompt will pop up, you can choose not to prompt again, and click OK, and the file will be automatically transferred.



If you transfer files from nano to a win computer, press the right button of the mouse to select the file and select Download

