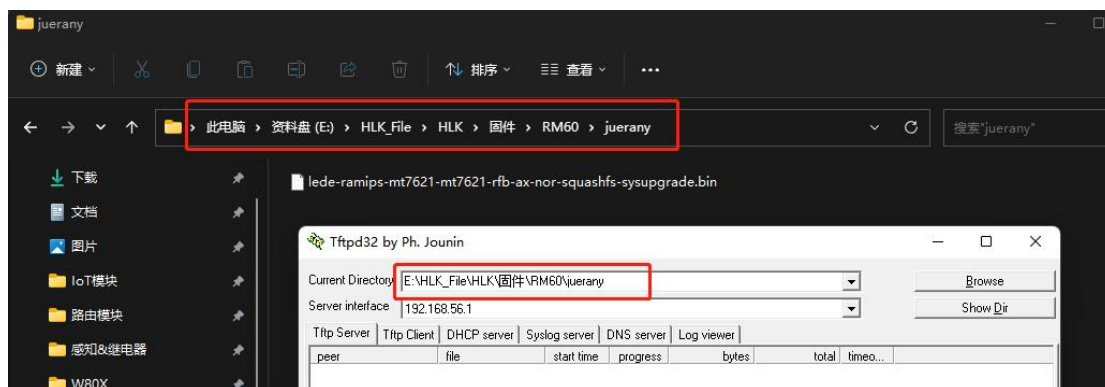
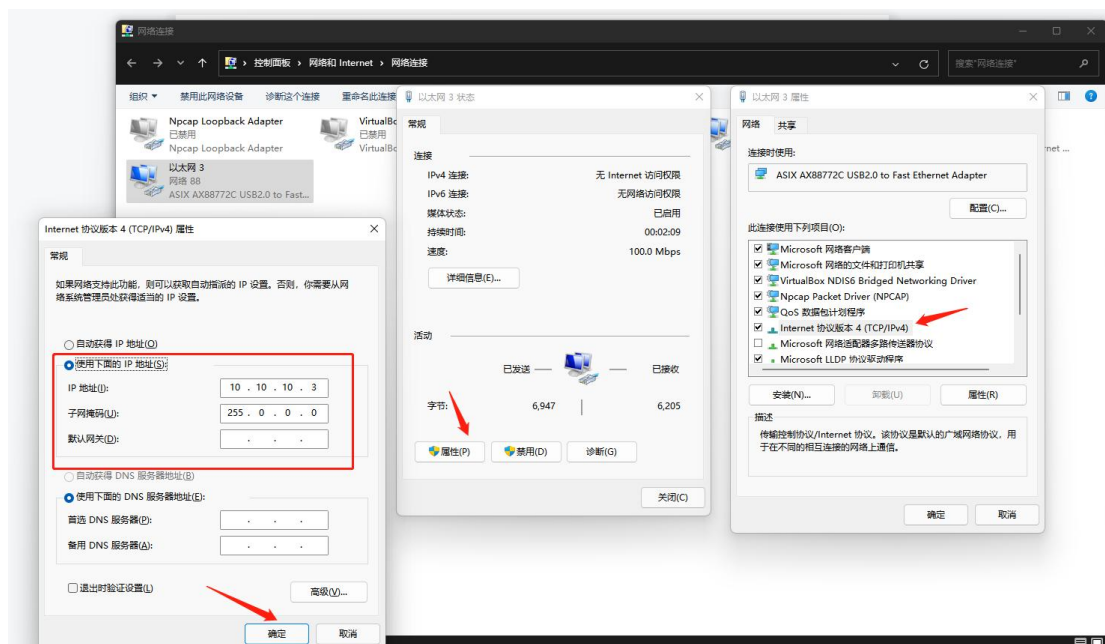


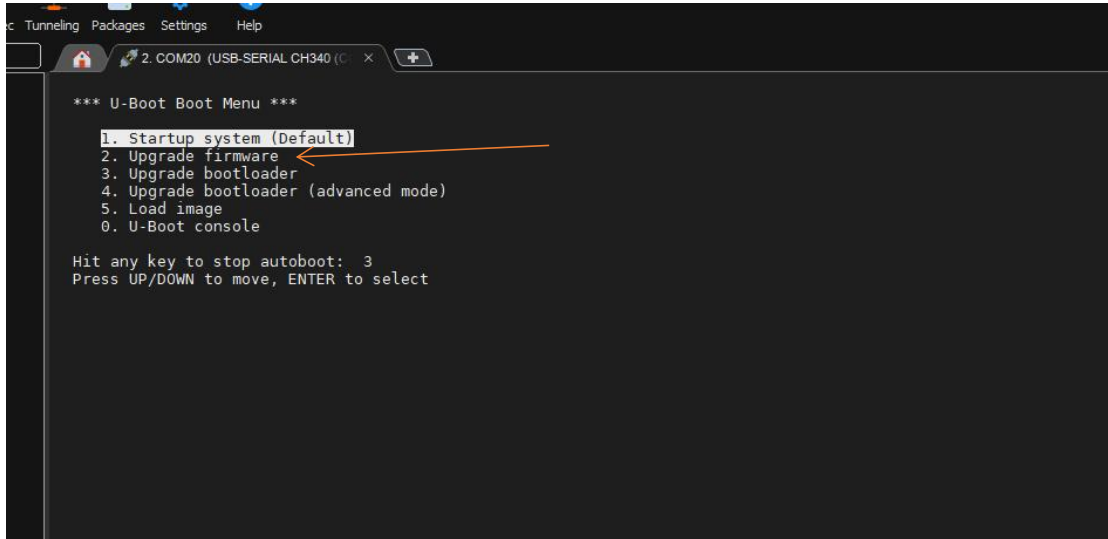
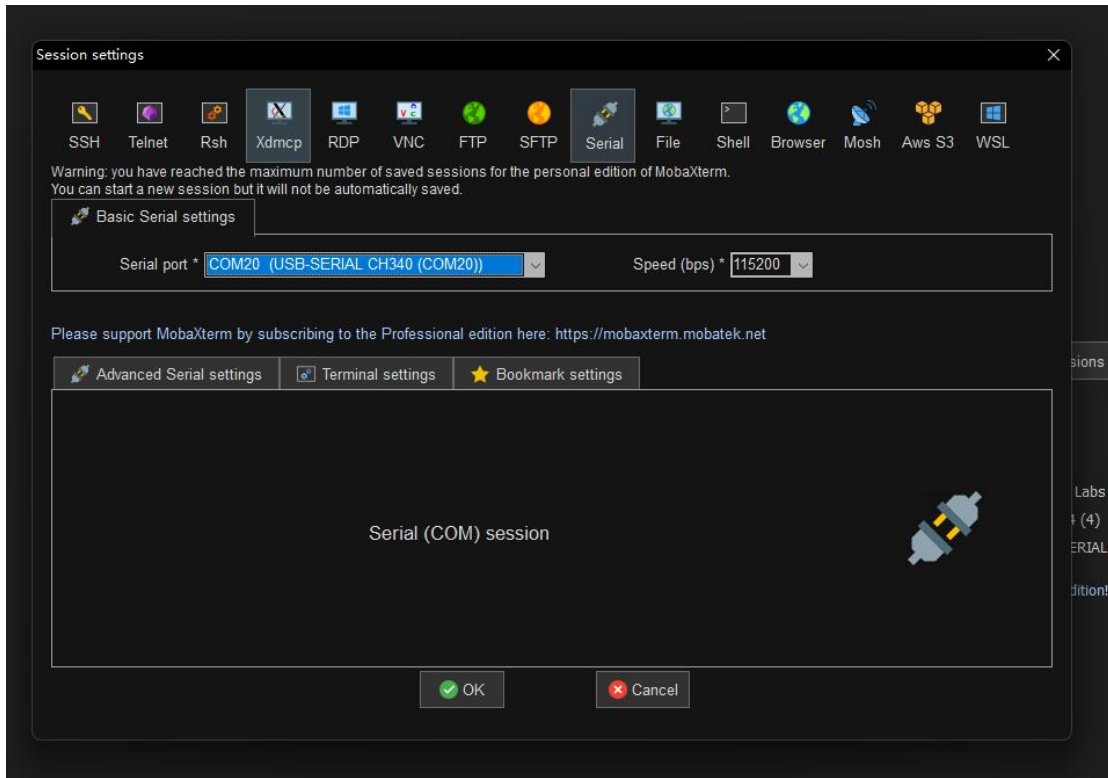
1. 固件和 TFTP 工具在同一目录下



2. 电脑连接模块 lan 或者 wan 口，设置静态 IP



3. 模块要先上电再接串口防止不能正常启动，串口工具打开波特率 115200，uboot 打印选 2 进入固件升级



选 0

```
ps Help
ec Tunneling Packages Settings Help
2 COM20 (USB-SERIAL CH340) x
*** Upgrading Firmware ***
Available load methods:
0 - TFTP client (Default)
1 - Xmodem
2 - Ymodem
3 - Kermit
4 - S-Record
Select (enter for default):
```

ip 和固件名称要对应上

```
*** Upgrading Firmware ***
Available load methods:
0 - TFTP client (Default)
1 - Xmodem
2 - Ymodem
3 - Kermit
4 - S-Record
Select (enter for default):
Input U-Boot's IP address: 10.10.10.123
Input TFTP server's IP address: 10.10.10.3
Input IP netmask: 255.255.255.0
Input file name: lede-ramips-mt7621-mt7621-rfb-ax-nor-squashfs-sysupgrade.bin
```

回车升级

```
*** Upgrading Firmware ***

Available load methods:
 0 - TFTP client (Default)
 1 - Xmodem
 2 - Ymodem
 3 - Kermit
 4 - S-Record

Select (enter for default):

Input U-Boot's IP address: 10.10.10.123
Input TFTP server's IP address: 10.10.10.3
Input IP netmask: 255.255.255.0
Input file name: lede-rampis-mt7621-mt7621-rfb-ax-nor-squashfs-sysupgrade.bin

Using eth@1e100000 device
TFTP from server 10.10.10.3; our IP address is 10.10.10.123
Filename 'lede-rampis-mt7621-mt7621-rfb-ax-nor-squashfs-sysupgrade.bin'.
Load address: 0x80010000
Loading: #####
#####
#####
#####
#####
#####
#####
```