

Installation Instructions for the WU900 on Linux

1. Install and uninstall the driver

- If it is a virtual machine, you need to execute `sudo modprobe cfg80211` first, and then load the driver. Check
- whether the build-essential package is installed on the system . If not, you need to install it. The inspection and installation commands are as follows: Inspection command:

```
dpkg -s build-essential
```

Installation command:

```
sudo apt-get update  
sudo apt-get install build-essential
```

Installation command:

```
sudo dpkg -i aic8800d80drvpackage.deb
```

Uninstall command:

```
sudo dpkg -r aic8800d80drvpackage
```

2. Use

1. Please install the driver first, then connect the network card to the

PC. 2. You can use `ifconfig` to confirm whether the network card is loaded successfully. If there is a corresponding network card device, it means that the loading is successful and you can connect to it in the WiFi connection interface.

Connect to the router.

```
aic@aic-ThinkPad-T470:~/workspace/aic8800_linux_driver_2023_0213/USB/driver_fw/drivers/aic8800$ ifconfig
eth0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 54:e1:ad:d3:17:e1 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xed100000-ed120000

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 3613 bytes 261406 (261.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3613 bytes 261406 (261.4 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 00:e1:8c:dc:39:2b txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlan1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether 88:00:33:77:2f:5e txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```