

# installation instructions

## 1. Install and uninstall driver

If it is a virtual machine, run `sudo modprobe cfg80211` before loading the driver

Check whether the “build-essential” package is installed. If not, install it. The check and installation commands are as follows

check commands

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

Installation command:

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

**If it is not a virtual machine, following below steps.**

1, if you already installed linux driver of aic chipset, whether you installed successful or not, unload the driver firstly, then restart the PC.

Unload command:

```
sudo dpkg -i aic8800fdrvpackage.deb
```

2, Then install the driver.

Installation command:

```
sudo dpkg -r aic8800fdrvpackage
```

When installed successful, then restart the PC.

## 3 , Direction for use

1. Install the driver and then connect the NIC to the PC
2. You can use “ifconfig” to check whether the wireless USB adapter is successfully loaded. If the corresponding wireless USB adapter device exists, means the device is successfully loaded. You can connect to the router on the wifi connection screen.

```
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
```

