



# Quick Installation Guide

AX300 Wi-Fi6 USB Wireless LAN Card

(Applicable to Linux Ubuntu, Kylin system X86/ARM architecture)

Before using this product for the first time, please read this guide to quickly use the product.

## Installing the Wireless Card

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Installing the driver requires administrator privileges. Please log in to the computer using a username and password with administrator privileges.

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1. Download the driver installation package to your computer and unzip it.

2 , In the directory where the driver is located , Right click and open **the Terminal** . Then execute the command "**sudo dpkg -i ax300-wifi-adapter-linux-driver.deb**" to install the driver.

Wait for a moment, and the following message will be displayed, indicating that the driver has been installed successfully.

```
Install [ ] Wifi driver successful!!!!
```

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For Kylin OS, you can directly run the driver and enter the password of the computer administrator account to start the installation.

Success, indicating the driver has been successfully installed.

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4. Insert the wireless network card into the USB port of the computer. You can connect to Wi-Fi after the computer successfully recognizes the wireless network card.

## Frequently asked questions

Question 1: After the wireless network card is inserted into the computer's **USB** port, the system recognizes it as a **USB** disk. What should I do?

Please refer to the following steps to solve it.

• Execute the command "mount" to query the name of the identified USB disk (with 7277-20E5 in the name). The diagram is for reference only.

```
/dev/sdc1 on /media/aic/7277-20E5 type vfat (ro,nosuid,nodev,relatime,uid=1000,gid=1000,fmask=0133,dmask=0077,shortname=mixed,showexec,utf8,flush,errors=remount-ro,uhelper=udisks2)
```

• Execute the command "sudo eject /dev/sdc1" to eject the USB drive. "/dev/sdc1" means the USB drive is mounted under sdc1.

According to the actual input.

Q2 : After the wireless network card is successfully installed, the computer still cannot connect to Wi-Fi. What should I do?

Run the command "sudo rfkill unblock wifi" to try to resolve the abnormality of the wireless network card's Wi-Fi module.

```
sudo rfkill unblock wifi
```

Q3 : An error occurred when installing the driver in Kylin system, as shown in the figure, and the driver cannot be installed normally. What should I do?

```
wifi_test.c:1:10: fatal error: stdio.h: 没有那个文件或目录
1 | #include <stdio.h>
  | ^~~~~~
compilation terminated.
make: *** [Makefile:16: wifi_test.o] 错误 1
```

Please refer to the following steps to solve it.

• Run the command "sudo apt-get install build-essential" to install the build-essential software package.

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

• Try to install the driver again.

## appendix

Scenario 1: Uninstall the wireless network card driver.

• **Right** -click anywhere on your computer and click to open the terminal .

• Execute the command "sudo dpkg -r ax300-wifi-adapter-linux-driver" to uninstall the driver. The successful uninstallation is shown as follows.

```
Uninstall [ ] Wifi driver successful!!!!
```

Scenario 2: Query the wireless devices on the computer.

• **Install** the ifconfig tool.

Execute the command "sudo apt install net-tool". After successful installation, the following is displayed.

```
net - tools is already the newest version
```

• **Execute** the command "ifconfig".

```
$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.32.128 netmask 255.255.255.0 broadcast 192.168.32.255
    inet6 fe80::ce22:b28b:91ff:57fd prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:f1:33:1f txqueuelen 1000 (Ethernet)
    RX packets 20642 bytes 15821566 (15.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 7360 bytes 531200 (531.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

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 343 bytes 30692 (30.6 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 343 bytes 30692 (30.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

wlc83a3510023d: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    ether c8:3a:35:10:02:3d 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
```