

How to install RTL8821CU with Ubuntu 18.04/20.04 (WU650/WU650S/WU660/WU700)

1. Check your driver.

Make sure your Linux driver is: [rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141.tar.gz](#)

If it is not, write email to support@cudy.com and ask for this driver.

2. Login your Ubuntu 18.04/20.04, and enter your working directory.

For example:

```
root@ubuntu:/home/colin/project#
```

Don't use the complex directory name.

Especially don't use a directory whose name include BLANK.

Maybe you can create the same directory as `"/home/colin/project"`.

3. Copy the driver into your working directory. And unpack this file with command of `"tar -xzf"`.

For example:

```
root@ubuntu:/home/colin/project# tar -xzf ./rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141.tar.gz
```

4. You will find a new folder `"/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141"` created in `"/home/colin/project"`.

5. Enter the directory of `"project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141"`, and run `"sudo make"` with root authority.

For example:

```
root@ubuntu:/home/colin/project# cd ./rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141
```

```
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo make
```

6. After the above step succeeds, run `"sudo make install"`.

For example:

```
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo make install
```

7. Run `"sudo modprobe -r 8821cu"`.

For example:

```
root@ubuntu:/home/colin/project/rtl88x2BU_WiFi_linux_v5.8.7.4_37264.20200922_COEX20191120-7777# sudo modprobe -r 8821cu
```

8. Run `"sudo modprobe 8821cu"`.

For example:

```
root@ubuntu:/home/colin/project/rtl88x2BU_WiFi_linux_v5.8.7.4_37264.20200922_COEX20191120-7777# sudo modprobe 8821cu
```

9. Done

Summary (Installation command) :

```
root@ubuntu:~# cd /home/colin/project (Notes: Driver must have been copy to this directory.)
root@ubuntu:/home/colin/project/# tar -xzf ./rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141.tar.gz
root@ubuntu:/home/colin/project/# cd ./rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo make
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo make install
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo modprobe -r 8821cu
root@ubuntu:/home/colin/project/rtl8821CU_rtl8731AU_WiFi_linux_v5.8.1.7_37266.20200929_COEX20200616-4141# sudo modprobe 8821cu
```