

## How to make WUBQ-159ACN/WPEQ-160ACN Linux driver in x86/x64 based platform

### (1) Make driver:

```
# make

make -C /lib/modules/4.10.17/build M=/home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410 modules

WLAN_ROOT=/home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410 MODNAME?=wlan CONFIG_QCA_WIFI_ISOC=0
CONFIG_QCA_WIFI_2_0=1 CONFIG_QCA_CLD_WLAN=m WLAN_OPEN_SOURCE=1

make[1]: Entering directory `/home/Linux-kernel/linux-4.10.17'

CC [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/CORE/HDD/src/wlan_hdd_assoc.o
CC [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/CORE/HDD/src/wlan_hdd_cfg.o

CC [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/CORE/HDD/src/wlan_hdd_debugfs.o
.....
.....
CC [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/CORE/UTILS/PKTLOG/linux_ac.o
LD [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/wlan.o

Building modules, stage 2.

MODPOST 1 modules

CC      /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/wlan.mod.o
LD [M]  /home/QCA9377-7-new/qcacld-2.0-SparkLAN.4.5.21.410/wlan.ko

make[1]: Leaving directory `/home/Linux-kernel/linux-4.10.17'

#
```

### (2) Copy firmware and config files to root file system “/lib/firmware/”

```
#cd firmware_bin
#cp -r * /lib/firmware/
```

### (3) Insert cfg80211.ko and driver

```
# insmod /lib/modules/4.10.17/kernel/net/wireless/cfg80211.ko
# insmod ./wlan.ko
```