

Instruction

Install AE1M01 on Linux

12/27/2017

Make sure module mode

◆ Master / Slave

- Confirm the module one is in master mode, and the other is Slave mode by switch pin.



Build Driver

◆ Start to build

■ Root permission

■ Decompress file

- Switch to condole mode
- `tar xzfp ASIX.4.2.2.nexcom.tar.gz`

```
tar xzfp ASIX.4.2.2.nexcom.ta
ASIX.4.2.2# ls -la
-rw-rw-r-- 1 14 11:02 asix.c
-rw-rw-r-- 1 17 2014 asix.h
-rw-rw-r-- 1 23 2016 axusbnet.c
-rw-rw-r-- 1 18 2016 axusbnet.h
-rw-rw-r-- 1 23 2016 Makefile
-rw-rw-r-- 1 24 2016 readme
```

■ Build driver

- `cd ASIX.4.2.2`
- `make; make install`

```
root@VTC1910:/pub/aaa/ASIX.4.2.2# make; make install
make -C /lib/modules/4.4.0-91-generic/build SUBDIRS=
make[1]: Entering directory `/usr/src/linux-headers-
CC [M] /pub/aaa/ASIX.4.2.2/asix.o
Building modules, stage 2.
MODPOST 1 modules
CC /pub/aaa/ASIX.4.2.2/asix.mod.o
LD [M] /pub/aaa/ASIX.4.2.2/asix.ko
make[1]: Leaving directory `/usr/src/linux-headers-4
su -c "cp -v asix.ko /lib/modules/4.4.0-91-generic/k
'asix.ko' -> '/lib/modules/4.4.0-91-generic/kernel/d
```

■ Reboot

- `reboot`

Assign IP

◆ Check Device

■ If success

- You can get the network interface in format by “ifconfig” command.

```
eth9      Link encap:Ethernet  HWaddr 00:09:04:16:88:b3
          inet6 addr: fe80::209:4ff:fe16:88b3/64 Scope:Link
          UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
          RX packets:25636814 errors:0 dropped:0 overruns:0 frame:0
          TX packets:51273707 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:1000
          RX bytes:1333161817 (1.3 GB)  TX bytes:77830778456 (77.8 GB)
```