

RT61 driver Build Instructions: platform **Debian 4.0r1 2.6.18-5-686**

1> tar zxvf IS_Linux_STA_6x_D_1.1.1.0_CNet.tar.gz

2> configure driver : **rt61sta.dat**

This file is a binary file and will be read on loading rt61.ko module.

Use "vi -b rt61sta.dat" to modify settings according to your need.

- 1.) set Channel to "0" for auto-select on Infrastructure mode
- 2.) set SSID for connecting to your Accss-point.
- 3.) AuthMode can be "WEPAUTO", "OPEN", "SHARED", "WPAPSK", "PA2PSK", "WPANONE"
- 4.) EncrypType can be "NONE", "WEP", "TKIP", "AES"

The word of "[Default]" must not be removed

-----case 1: WPA-PSK TKIP-----

[Default]

CountryRegion=0

CountryRegionABand=7

WirelessMode=0

SSID=Wireless-G Router (your router's ssid)

NetworkType=Infra

Channel=0

AuthMode=WPAPSK

EncrypType=TKIP

DefaultKeyID=1

Key1Type=0

Key1Str=0123456789

Key2Type=0

Key2Str=

Key3Type=0

Key3Str=

Key4Type=0

Key4Str=
WPAPSK=1234567890
TxBurst=0
PktAggregate=0
WmmCapable=0
APSDCapable=0
APSDAC=0;0;0;0
BGProtection=0
IEEE80211H=0
TxRate=0
RTSThreshold=2347
FragThreshold=2346
RoamThreshold=75
PSMode=CAM
TxPreamble=0
FastRoaming=0

-----case 2: WPA-PSK AES-----

[Default]
CountryRegion=0
CountryRegionABand=7
WirelessMode=0
SSID=Wireless-G Router (your router's ssid)
NetworkType=Infra
Channel=0
AuthMode=WPAPSK
EncrypType=AES
DefaultKeyID=1
Key1Type=0
Key1Str=0123456789
Key2Type=0

Key2Str=
Key3Type=0
Key3Str=
Key4Type=0
Key4Str=
WPAPSK=1234567890
TxBurst=0
PktAggregate=0
WmmCapable=0
APSDCapable=0
APSDAC=0;0;0;0
BGProtection=0
IEEE80211H=0
TxRate=0
RTSThreshold=2347
FragThreshold=2346
RoamThreshold=75
PSMode=CAM
TxPreamble=0
FastRoaming=0

3>Run the install script:

```
#!/rt61_install.sh
```

4> RT61 driver can be loaded via following

```
# cd IS_Linux_STA_6x_D_1.1.1.0/Module
```

```
# /sbin/insmod rt61.ko
```

```
# /sbin/ifconfig ra0 inet YOUR_IP up
```

```
ex. #/sbin/ifconfig ra0 inet 192.168.1.220 up
```