

RTL8712(8188_8191_8192SU)
USB Linux Driver Quick
Installation Guide

Software Package & Platform requirements

Software Package:

- 8712 linux driver (source code)
 - support linux kernel version 2.6
- 8712 documents

Software Package & Platform requirements

Platform requirements:

- (1) PC-Based Linux platform (i386)
- (2) 8712 USB Linux driver supports Linux kernel version
: from 2.6.18 ~ 2.6.33

HOW- TO: Setting up Linux environment

- Demonstration based on Linux Fedora 2.6.24
- Part 1: make 8712 USB Linux driver
 - (1) step1: uncompress the “rtl8712_8188_8191_8192SU_usb_linux_v2.6.x.x.2010xxx.tar.gz” file. (in “driver” directory)
 - > tar zxvf rtl8712_8188_8191_8192SU_usb_linux_v2.6.6.0.20100625.tar.gz

(2) step2: make 8712 USB driver module

> *make*

(3) step3: clean the operation environment

> *./clean*

(4) step4: insert 8712 USB modules

> *insmod 8712u.ko*

- (5) step5: enable wlan0 interface
 - > *ifconfig wlan0 up*
- (6) step6: setup IP address
 - > *ifconfig wlan0 192.168.1.100*

- Part 2: Site Survey & connect to AP without security
- step1: Site Survey
> *iwlist wlan0 scan*
- (2) step2: Connect to AP
> *iwconfig wlan0 essid "xxx"*

- Notes: connect to AP using "Network Manager" GUI utility
 - (a) Network Manager is a utility attempts to make use of wireless networking easy.
 - (b) please disable the "Network Manager" when using command-line method to connect to AP, because the "Network Manager" will conflict with the method of command line.