REALTEK

Product: RTL8192EU /RTL8192EU +RTL8761AW Software Package - Linux Driver

Version: v4.4.1_17696.20160509_BTCOEX20160412-0042

Release History:

v4.2.2_7585.20130524	1. First Released
v4.2.4_9581.20131115	1. Improve Tx/Rx performance. 2. Fix some memory leak problems. 3. Fix some bugs of P2P. 4. Fix racing problem of roaming and disconnect ioctl. 5. Fix AP selection problem. 6. Fix problems caused by large amount of logs. 7. Disable CONFIG_USE_VMALLOC by default. 8. Support Linux kernel 3.10. 9. Support Android JB 4.3.
v4.2.4.1_9581.20131119	1. Support MAC filtering in SoftAP mode
v4.3.1_10675.20140303	1. Support Android KK 4.4. 2. Refine memory allocation policy. 3. Improve CFG80211 STA mode connection process. 4. Improve CFG80211 P2P connection process. 5. Enable CONFIG_USE_VMALLOC by default. 6. Fix some bugs of SoftAP. 7. Fix some bugs of mp mode.
v4.3.1.1_11320.20140505	1. Fix some memory leak problems. 2. Fix some bugs of mp mode. 3. Fix WPS connection failure when AP is N only mode. 4. Support P2P logo test.
v4.3.8_12406.20140929	1. Support Adaptivity (v7.1) ,please refer to "Quick_Start_Guide_for_Adaptivity_and_Carrier_Sensing_Test.doc". 2. Fix efuse write failed problem. 3. Improve performance of Soft-AP mode. 4. Adjust driver procedure to eliminate RF interference. 5. Clear up all compile warning. 6. Fix IOT issue with some AP's RA mechanism.
v4.3.15_14701.20150715_BTCOEX20150615-41	1. This driver can support 8192EU and 8192EU+8761AW 2. Support BT coexist (version BTCOEX20150615-41) 3. Support Linux kernel 4.0 4. Support Android 5.0 5. Support High power feature 6. Support Sniffer feature (linux) 7. Update Adaptivity (v8.4) 8. Fix legacy AP connect issue 9. Fix P2P listen state setting listen channel issue
v4.3.15.2_16504.20160106_BTCOEX20150615-41	1. Support efuse 5.7.3 2. Support monitor mode 3. Fix Adaptivity IPS issue 4. Fix WEXT concurrent mode issue

v4.4.1_17696.20160509_ BTCOEX20160412-0042	1. Support Linux Kernel 4.4.6 2. Support Android 6.0 3. Support TDLS 4. Support proc current_tx_rate 5. Support proc tx_info_msg /rx_info_msg 6. Update BT coexist (version BTCOEX20160412-0042) 7. Update Adaptivity (v9.0) 8. Fix wpa_supplicant disconnect ignore issue 9. Fix P2P logo issue

Description:

- Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8192EU/ RTL8192EU+RTL8761AW WLAN series hardware on Linux based platforms.

Software Version:

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Software Package Feature:

- IEEE 802.11 b/g/n WiFi compliant
- 802.1x, WEP, WPA TKIP and WPA2 AES/Mixed mode for PSK and TLS (Radius)
- WPS - PIN and PBC Methods
- IEEE 802.11b/g/n Client mode
    - Support wireless security for WEP, WPA TKIP and WPA2 AES PSK
    - Support site survey scan and manual connect
    - Support WPA/WPA2 TLS client
    - Support power saving mode
- Soft AP mode
- WiFi-Direct
- Miracast
- Monitor mode

Hardware Supported:

- RTL8192EU/ RTL8192EU+RTL8761AW

Platform Supported:

- Linux
    - Kernel 2.6.18 ~ 4.4.6
- Android 1.6 ~ 2.3, 4.0 ~ 6.0

CPU supported:

- x86
- ARM
- MIPS