

Product: RTL8822BE/RTL8822BEH Software Package - Linux Driver
Version: v5.2.4.1_24846.20171031_COEX20170728-4848

Release History:

v5.2.4.1_24846.20171031	<ol style="list-style-type: none"> 1. Fix WPA2 vulnerability - key reinstallation attacks(KRACKs) 2. Fix tx system hang in MP mode 3. Fix SoftAP P2P GO problem with encrypt broadcast 4. Fix coverity issue CID-11176-11177 for MU MIMO 5. Fix RX sensitivity issue 6. Fix TX EVM issues 7. Fix wow problem of fail to resume 8. PHYDM RX Correct ppdu_cnt of pkt_info to avoid memory overwrite 9. Update BTCOEX to V48
v5.2.4_22177.20170503	<ol style="list-style-type: none"> 1. Update 2.4G and 5G channel plan 2. Support CE-RED v2.2.1 (2G) / v2.1.0 (5G) 3. Improve Wi-Fi/BT coexistence and fix some issues 4. Add proc node to improve debug capability 5. Able to scan hidden SSID AP in DFS channel 6. Support NAPI GRO 7. Support TDLS
v5.1.0.8_21764.20170321	<ol style="list-style-type: none"> 1. Issue that Probe response IE doesn't update after WPS timeout/success 2. Fix mp ctx fail in some embeded platforms 3. Fix Beamforming IOT issue of Netgear R7000 4. Correct ethernet SA when receive MSDU packet 5. Fix BT noise when entering LPS 6. Add btableraw CMD, add check BT status for btrmap 7. Add TRX interrupt migration proc, insmod parameter 8. Support RFE_type 12 9. Support linux kernel 4.10 10. default enable CONFIG_DBG_COUNTER for debugging
v5.1.0.7_20466.20161205	<ol style="list-style-type: none"> 1. Support automatic hardware port switch 2. Return fail when RFE type is unknown 3. Reduce TRX buffer number 4. Support user defined vendor IE 5. Fix 2.4G AP unable to TX Beacon issue 6. Able to coexist with RF4CE 7. Display BT correct firmware version in proc 8. Automatically add -Wno-date-time on gcc 4.9 and after 9. Comply with Wi-Fi Alliance Wi-Fi 11n logo 10. Comply with Wi-Fi Alliance Wi-Fi 11ac logo 11. Comply with Wi-Fi Alliance Wi-Fi Direct (P2P) logo 12. Comply with Wi-Fi Alliance Wi-Fi Protected Setup 2.0 logo
v5.1.0.6_19592.20161012	<ol style="list-style-type: none"> 1. Initial release 2. Support Android M 3. Support BT Co-Exist

v5.1.0.4_17877.20160524_beta	1. Initial release (beta)
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Realtek

Description:

Realtek provides solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8822BE/RTL8822BEH WLAN series hardware on Linux based platforms.

Software Version:

RTL8822BE/RTL8822BEH PCIE Linux Driver Version:
v5.2.4.1_24846.20171031_COEX20170728-4848

Software Package Feature:

- IEEE 802.11 b/g/n/ac 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/ac 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
- MU-MIMO
- BT-COEXIST
- TDLS

Hardware Supported:

- RTL8822BE / RTL8822BEH

Platform Supported:

- Linux (kernel 2.6.24 ~ 4.10)
- Android 1.6 ~ 2.3, 4.0 ~ 4.4, 5.x, 6.x, 7.x

CPU supported:

- x86
- ARM
- MIPS