

Product: RTL8723B USB Software Package - Linux Driver
Version: v5.2.17.1_26947.20180307_COEX20180201-6f52

Release History:

v5.2.17.1_26947.20180307 COEX20180201-6f52	<p>Package:</p> <ol style="list-style-type: none"> 1. Update Android O porting guide and wpa_supplicant <p>Driver:</p> <ol style="list-style-type: none"> 1. Update BTCOEX to v0x6F52 2. Support up to Kernel 4.13 3. Support up to CTS/VTs for Android O
v5.2.17_26088.20180116 COEX20171212-6e51	<p>Package:</p> <ol style="list-style-type: none"> 1. Add Android N porting guide and wpa_supplicant 2. Add Android O porting guide and wpa_supplicant <p>Driver:</p> <ol style="list-style-type: none"> 1. Update PHYDM to v21 2. Update PHYDM parameter to v29 3. Update BTCOEX to v0x6E51 4. Support up to Android 8 5. Support up to kernel 4.9
v4.4.5_24888.20171101 BTCOEX20151228-664a	<p>Package:</p> <ol style="list-style-type: none"> 1. Supplicant Update: Hotfix WPA2 vulnerability - key reinstallation attacks(KRACKs). <p>Driver:</p> <ol style="list-style-type: none"> 1. Fixed WPA2 vulnerability - key reinstallation attacks(KRACKs).
v4.4.2_18635.20161006 BTCOEX20151228-664a	<p>Package:</p> <ol style="list-style-type: none"> 1. Add Android M porting guide 2. Update Android L wpa_supplicant 3. Update Android M wpa_supplicant <p>Driver:</p> <ol style="list-style-type: none"> 4. Support Android 6.0 and older 5. Support up to Kernel 4.4 6. Improve Wi-Fi/BT Coexistence stability and performance 7. Enable power by rate table by default. 8. New Driver_Configuration_for_RF_Regulatory_Certification_V1.pdf
v4.3.16_14189.20150519 BTCOEX20150119-5844	<p>Package:</p> <ol style="list-style-type: none"> 1. Update document "Quick_Start_Guide_for_WOW.pdf" 2. Add Android L porting guide 3. Update Android 4.2 wpa_supplicant(r12454) 4. Update Android 4.4 wpa_supplicant(r12456) <p>Driver:</p> <ol style="list-style-type: none"> 1. Support Android 5.0 and older 2. Support Linux kernel 3.19.3 and older 3. Improve Wi-Fi/BT Coexistence stability and performance 4. Fix the problem of unexpected scan timeout 5. Add TDLS function

	6. Fix STA mode disconnect problem caused by not checking TA of DEAUTH and DISASSOC frame 7. Fix the failed association issue with specific AP which supports only 11n MCS data rate
v4.3.9_13200.20150106 BTCOEX20140929-5443	Package: 1. Update document "HowTo_read_external_TX_power_related_file" 2. Update document "wpa_cli_with_wpa_supPLICANT" 3. Update document "Quick_Start_Guide_for_SoftAP.pdf" 4. Update document "Quick_Start_Guide_for_WOW.pdf" 5. Add document "Quick_Start_Guide_for_Adaptivity_and_Carrier_Sensing_Test.pdf" 6. Add folder "RF_MP_tools" to include RF MP tools. Driver: 1. Support Linux kernel 3.16 2. Improve Wi-Fi/BT Coexistence stability and performance 3. Support WOWLAN function(default disable) 4. Improve the stability of Adaptivity function 5. Fix the problems found on Big endian system
v4.3.6_11841.20140714 BTCOEX20140507-4E40	Package: 1. Update document "Quick_Start_Guide_for_SoftAP.pdf" to describe more detail about build wpa_supPLICANT. Driver: 1. Improve Wi-Fi/BT Coexistence stability and performance 2. Fix STA mode IOT issues with some APs 3. Add BT MP function 4. Support Linux kernel 3.14 and older. Known issues: 1. Linux kernel 3.11 and later would disconnect AP and don't automatically connect AP after resume.
v4.3.2.2_11080.20140408 BTCOEX20140306-4B40	1. Android version before 4.1, 4.1 and 4.3 are no longer supported, so the related documents and files had been removed. 2. Improve Wi-Fi/BT Coexistence stability and performance 3. Wi-Fi MP functions are ready 4. Fix one potential crash issue during switching STA and SoftAP mode. Known issues: 1. BT MP functions are not ready yet.
v4.3.0_10670.20140303 BTCOEX20140123-4A40	1. Fix P2P logo test item 6.1.2 fail 2. Enable CONFIG_USE_VMALLOC by default 3. Improve CFG80211 P2P connection process 4. Improve the performance of RF calibration 5. Improve Wi-Fi/BT coexistence 6. Fix Wi-Fi/BT MP test issues
v4.3.0_10449.20140205_beta BTCOEX20140110-4940	1. First formal release version

Description:

- Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8723B USB WLAN series hardware on Linux based platforms.

Software Version:

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Software Package Feature:

- IEEE 802.11 b/g/n Wi-Fi compliant
- 802.1x, WEP, WPA TKIP and WPA2 AES/Mixed mode for PSK and TLS (Radius)
- WPS - PIN and PBC Methods
- IEEE 802.11 b/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
- Software AP mode
- WiFi-Direct(P2P)
- Miracast
- TDLS function

Hardware Supported:

- RTL8723BU

Platform Supported:

- Linux (kernel 2.6.24 ~ 4.13)
- Android 1.6 ~ 2.3, 4.0 ~ 8.0

CPU supported:

- x86
- ARM
- MIPS