

Product: RTL8723B USB Software Package - Linux Driver
Version: v4.3.9_13200.20150106_BTCOEX20140929-5443

Release History:

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| v4.3.0_10449.20140205_beta BTCOEX20140110-4940 | 1. First formal release version |
| v4.3.0_10670.20140303 BTCOEX20140123-4A40 | <ol style="list-style-type: none"> 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 |
| v4.3.2.2_11080.20140408 BTCOEX20140306-4B40 | <ol style="list-style-type: none"> 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. <p>Known issues:</p> <ol style="list-style-type: none"> 1. BT MP functions are not ready yet. |
| v4.3.6_11841.20140714 BTCOEX20140507-4E40 | <p>Package:</p> <ol style="list-style-type: none"> 1. Update document "Quick_Start_Guide_for_SoftAP.pdf" to describe more detail about build wpa_supplicant. <p>Driver:</p> <ol style="list-style-type: none"> 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. <p>Known issues:</p> <ol style="list-style-type: none"> 1. Linux kernel 3.11 and later would disconnect AP and don't automatically connect AP after resume. |
| v4.3.9_13200.20150106 BTCOEX20140929-5443 | <p>Package:</p> <ol style="list-style-type: none"> 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. <p>Driver:</p> <ol style="list-style-type: none"> 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 |

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

Hardware Supported:

- RTL8723BU

Platform Supported:

- Linux (kernel 2.6.18 ~ 3.16)
- Android 4.2/4.4

CPU supported:

- x86
- ARM
- MIPS