Product: RTL88x2B USB Software Package - Linux Driver
Version: v5.3.1_27678.20180430_COEX20180427-5959

Release History:

v5.1.0-5_18711.20160725_BTCOEX20160707-2100_beta	1. First beta driver
v5.1.6_18923.20160805_BTCOEX20160805-2500_beta	2. Enable TX power by rate 3. Update BTCOEX version 4. Update phydm parameters 5. Update FW 6. Fix concurrent setting 7. Fix TX power limit
v5.1.7_19806.20161025_BTCOEX20161024-3333	1. First normal release. 2. Update PHY parameters to V63 3. Update FW to V8.1 4. Update phydm API 5. Update BTCOEX version to BTCOEX20161024-3333 6. Update HALMAC version to V1_03_02 7. Fix scan DIG issue 8. Fix no rx pkt issue 9. Fix LPS cmd parameter 10. Fix Efues acess problem 11. Fix compile error 12. Enable NAPI & GRO
v5.2.4_22552.20170531_COEX20170518-4444	1. Update BTCOEX version to COEX20170518-4444 2. Update phy parameters 3. Update FW to v13.1 4. Support multi port P2P PS 5. Update ChannelPlan document 6. Correct DFS setting 7. Fix compile error in kernel 4.6 & 4.7 8. Fix the mailbox hang problem for COEX 9. Fix system crash due to thread not terminated safely when remove driver 10. Correct register for Wowlan control 11. Fix for power tracking phydm stop 12. Update halmac version to V1_03_09 13. Correct beacon interval setting 14. Fix system hang due to stop xmit thread repeatedly 15. Fix potential memory out of range 16. Support CE-RED. 2G: ETSI v2.1.1 / 5G: ETSI v2.1.0
v5.2.4.1_22719.20170613_COEX20170518-4444	1. Update halmac version to V1_03_09_patch1 to resolve tx fail after resume

	2. Update parameter to be more tolerance in disconnect decision behavior 3. Use driver IQK to let performance more stable
v5.2.4.2_24927.20171101_COEX20171012-4444	1. Fixed WPA2 vulnerability - key reinstallation attacks(KRACKs). 2. Update BTCOEX version to 20171012-4444 3. Fix MP issue 4. Fix encrypt broadcast packet fail for SoftAP/GO 5. Fix potential memory overwrite 6. Update ChannelPlan document
v5.2.4.3_24934.20171101_COEX20171012-5044	1. Update BTCOEX version to 20171012-5044
v5.2.4.4_25643.20171212_COEX20171012-5044	1. Fix monitor mode issue 2. Fixed WPA2 vulnerability - key reinstallation attacks(KRACKs) (update) 3. Support Android 8.0
v5.2.4.5_26498.20180205_COEX20171012-5044	1. Add LED function 2. Support Kernel 4.9 3. Update HALMAC to V1_03_09_patch5 to imporve IO stability
v5.3.1_27678.20180430_COEX20180427-5959	1. Update Phydm version to v24 2. Update Phy parameter to v104 3. Update WiFi FW to v22.6 4. Update BT Coex to COEX20180427-5959 5. Correct DFS master function 6. Support SU-Beamformee 7. Support MU-Beamformee 8. Fix MP issue 9. Enable FW IQK 10. Support TDLS 11. Support LED 12. Fix IO race condition 13. Support WiFi-HAL for Android 8 14. Support Kernel 4.15

Description:

Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL88x2B USB WLAN series hardware on Linux based platforms.

Software Version:

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Software Package Feature:

- IEEE 802.11 b/g/n/ac WiFi compliant
- 802.1x, WEP, WPA TKIP andWPA2 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

Hardware Supported:

- RTL8812BU and RTL8822BU

Platform Supported:

- Linux (kernel 2.6.24 ~ 4.15)
- Android 1.6 ~ 2.3, 4.0 ~ 8.x

CPU supported:

- x86
- ARM
- MIPS