

Product: RTL88x2C USB Wi-Fi Software Package - Linux Driver
Version: v5.15.8.5-3-g88098843f.20240412_COEX20221215-3130

Release History:

Version	Summary
v5.7.3_33533.20190527_COEX20190403-0c0c	1. First formal release driver and software package
v5.7.3.3_35623.20191031_COEX20190531-0e0e	1. Fix PLL is too fast by updating power sequence. 2. Fix compile error for kernel 5.3. 3. Update coex. version to v0e 4. Sync correct crystal_cap value into the corresponding hw efuse fields
v5.9.0_36035.20191217_COEX20191120-1515	1. Update coex. version to v15 2. Update PHY parameter 3. Update FW to v9.4 4. Support 8822CU-VN 5. Support Android 10
v5.9.0.1_36324.20200224_COEX20200103-1717	1. Update FW to v9.7 2. Fix LPS power saving issue 3. Update coex. Version to v17 4. Support WPA3-SAE (Personal)
v5.9.0.4_36631.20200423_COEX20200103-1717	1. Update FW to v9.9 for new FW dbg function 2. Support dynamic tx power(DTP) 3. Fix Kr00k issue
v5.12.1-14-ge3f808d.20201214_COEX20200922-1e1e	1. Support Android 11 2. Support 8822CU-VB and 8822CU-VBN 3. Support Agile Multiband 4. Support Manual TPC 5. Update FW to v9.12 6. Update coex. version to v1e
v5.12.1.6-0-ga6cacc154.20210615_COEX20210504-2323	1. Update coex version to v23 2. Update phydm 3. Fix AMSDU & Fragment Design flaw 4. Fix linking error when kernel version >=5.9 5. Fix CFI failure
v5.12.1.9-0-g1d01a654c.20211019_COEX20210504-2323	1. Fixed for MP Tx Single Tone 2. Fix the BF cap. getting of peer STA 3. Fix clang warning 4. Ensure that memcpy does not exceed the buffer size 5. Fix the wpa3 fail for kernel 4.9 + wpas v2.9 6. Support up to kernel 5.13
v5.14.0-50-gce1b24864.20220218_COEX20210504-2323	1. [Feature]change FW to v9.13 2. [BugFix]Fix Android 11 CTS testTrafficStateCallback fail 3. [Bugfix][Android] Google TV needs 3 interface and uses ap0 for softap
v5.14.0.3-2-gba458274c.20220418_COEX20211210-2727	1. Update BTCoex. to v27 2. Support WPA3-R3

v5.15.8-52- g35e62e7c9.20230728_C OEX20221215-3130	1. Support Android 13 2. Support up to kernel 5.18 3. Update FW to v9.14 4. Update BTCoex. To v31 5. Update phydm
v5.15.8.4-2- gb18f42c13.20240401_C OEX20221215-3130	1. Support Android 14 2. Support up to kernel 6.6 3. Update FW to v9.17 4. Update phydm
v5.15.8.5-3- g88098843f.20240412_C OEX20221215-3130	1. [BugFix] WPA3 external authentication fail when kernel >= 6.3 and wpa_supplicant v2.11-devel 2. Support GoogleCast mDNS Wakeup

Description:

- Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL88x2C USB WLAN series hardware on Linux based platforms.

Software Version:

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Software Package Feature:

- IEEE 802.11 a/b/g/n/ac 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 a/b/g/n/ac Client mode
 - Support wireless security for WEP, WPA TKIP, WPA2/WPA3 AES PSK
 - Support site survey scan and manual connect
 - Support WPA/WPA2 TLS client
 - Support power saving mode
- Soft AP mode
- WiFi-Direct and Miracast
- TDLS function
- Support CE-RED v2.1.1 (2G) / v2.1.0 (5G)

Hardware Supported:

- RTL8822CU / RTL8812CU

Platform Supported:

- Linux (kernel 2.6.24 ~ 6.6)
- Android 4.4, 6.x, 7.0, 8.0, 9.x, 10, 11, 12, 13, 14

CPU supported:

- x86
- ARM
- MIPS