

**Product:** RTL8811A/RTL8821A USB Software Package - Linux Driver  
**Version:** v5.2.6\_21981.20170407\_COEX20170206-6760

**Release History:**

v4.2.0_6952.20130315	1. First release.
v4.2.0_7054.20130328	1. Fix LED behavior
v4.2.2_7502.20130517	1. Support 11AC for STA.
v4.2.3_8123.20130705	1. Update PHY parameters to improve throughput.
v4.2.4_9533.20131209	1. Update Phy Parameter for IOT issue 2. MP Driver - Packet Tx function 3. Fix memory leakage issue 4. Fix crash issue when change_band_update_ie() is called for 2.4G->5G 5. Security-TKIP - Prevent starvation caused by log of rtw_tkip_decrypt() when bininstallGrpkey == _FALSE 6. avoid crash issue when quickly insert/remove driver 7. If AP support 802.11r, that will be send deauth with reason code 2 to STA. We will loop in connecting. 8. Improve P2P connection successful rate & IOT issue for P2P connection 9. IOT issue on concurrent mode 10. Support Linux kernel 3.10
v4.3.0_10674.20140321	1. To fix data rate issue of AP mode 2. To fix transmission power issue 3. To update PHY setting when driver switches wireless band 4. To fix DHCP issue 5. To fix race condition issue
v4.3.14_13455.20150212_BT COEX20150128-51	1. This driver can support 8811AU and 8821AU 2. Support BT coexist 3. Support Adaptivity 4. Support efuse and mac address can read from file 5. Support Sniffer feature 6. Support Linux kernel 3.16.0 7. Fix some 802.11 logo issue. 8. Fix WPS issue
v4.3.19_15408.20151102_B TCOEX20150921-58	1. Support Linux kernel 4.0 2. Support Android 5.0 3. Update BT coexist (v58) 4. Update Adaptivity (v8.6) 5. Update PID,VID list 6. Support ifconfig modify WiFi MAC 7. Fix wpa_supplicant disconnect ignore issue 8. Fix UDP packet lose issue 9. Fix P2P listen state setting listen channel issue
v4.3.19.1_16074.20151222 _BTCOEX20150921-58	1. Support Linux kernel 4.1 2. Fix Adaptivity IPS issue 3. Enhance RF setting

v4.3.19.2_16962.20160225 _BTCOEX20150921-58	<ol style="list-style-type: none"> <li>1. Fix Adaptivity scan issue</li> <li>2. Support Driver switch antenna band feature for one antenna module</li> </ol>
v4.3.19.3_17177.20160325 _BTCOEX20150921-58	<ol style="list-style-type: none"> <li>1. Support rtkm</li> <li>2. Fix some scan results issue</li> </ol>
v4.3.19.4_17413.20160414 _BTCOEX20150921-58	<ol style="list-style-type: none"> <li>1. Fix MP mode IQK issue</li> </ol>
v4.3.19.5_17672.20160506 _BTCOEX20150921-58	<ol style="list-style-type: none"> <li>1. Fix adaptivity issue when DIG change IGI</li> </ol>
v5.2.6_21981.20170407_C OEX20170206-6760	<ol style="list-style-type: none"> <li>1. Support 1 antenna BT coexist</li> <li>2. Support TDLS</li> <li>3. Support 8821au 1 antenna setting</li> <li>4. Support Android 7.0</li> <li>5. Support NAPI GRO</li> <li>6. Update BT coexist</li> <li>7. Update PID,VID list</li> <li>8. Fix SoftAP mode some IOT TP issue</li> <li>9. Fix writing-efuse may cause card-loss issue.</li> </ol>

**Description:**

Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8811A/RTL8821A USB WLAN series hardware on Linux based platforms.

**Software Version:**

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**Hardware Supported:**

- RTL8811AU
- RTL8821AU

**Platform Supported:**

- Linux (kernel 2.6.18 ~ 4.5)
- Android 1.6 ~ 2.3, 4.0 ~ 7.0

**CPU supported:**

- x86
- ARM
- MIPS