

**Product:** RTL8811A/RTL8821A USB Software Package - Linux Driver  
**Version:** v5.2.6.1\_22092.20170503\_COEX20170206-6760

### Release History:

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

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| v4.3.19.2_16962.20160225_BT<br>COEX20150921-58 | <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_BT<br>COEX20150921-58 | <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_BT<br>COEX20150921-58 | <ol style="list-style-type: none"> <li>1. Fix MP mode IQK issue</li> </ol>  |
| v4.3.19.5_17672.20160506_BT<br>COEX20150921-58 | <ol style="list-style-type: none"> <li>1. Fix adaptivity issue when DIG change IGI</li> </ol>   |
| v5.2.6_21981.20170407_COEX<br>20170206-6760    | <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> |
| v5.2.6.1_22092.20170503_COEX<br>20170206-6760  | <ol style="list-style-type: none"> <li>1. Update adaptivity for new ETSI spec. (CE-RED)</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:**

RTL8811A/RTL8821A USB Linux Driver Version: v5.2.6.1\_22092.20170503\_COEX20170206-6760

**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