

**Product:** RTL8852B USB Wi-Fi Software Package - Linux Driver  
**Version:** v1.15.11-36-g66c244572.20220902

**Release History:**

|                                 |   |
|---------------------------------|---|
| v1.15.11-36-g66c244572.20220902 | <ol style="list-style-type: none"><li>1. Enable XMIT ACK</li><li>2. Set scan backup operation by Default</li><li>3. Refine on reducing dynamic memory allocation</li><li>4. Update parameter to CBV/CCV</li></ol>   |
| v1.15.11-15-gc327097e0.20220624 | <ol style="list-style-type: none"><li>1. Enable Power Saving</li><li>2. Support TX OFDMA</li><li>3. Support TKIP rekey offload in WOWLAN mode</li><li>4. Refine to extend Scan Timeout</li><li>5. Shared buffer is set to 192K</li></ol>  |
| v1.15.7-112-g1d36f2f7.20211227  | <ol style="list-style-type: none"><li>1. First formal release driver and software package</li><li>2. Power Saving is not supported yet</li><li>3. TX OFDMA is not supported yet</li><li>4. TKIP rekey is not support yet in WOWLAN mode</li><li>5. Shared buffer is set to 128K</li></ol> |

**Description:**

Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8852B/ RTL8832B USB WLAN series hardware on Linux based platforms.

**Software Version:**

RTL8852B/ RTL8832B USB Linux Driver Version: v1.15.11-36-g66c244572.20220902

**Hardware Supported:**

- RTL8852BU
- RTL8832BU

**Software Package Feature:**

- IEEE 802.11 b/g/n/ac/ax WiFi compliant
- 802.1x, WEP, WPA TKIP and WPA2 AES/Mixed mode for PSK and TLS (Radius)
- WPA3-SAE R2
- WPS - PIN and PBC Methods
- IEEE 802.11b/g/n/ac/ax 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
- Soft AP mode
- WiFi-Direct
- Miracast
- BT-COEXIST
- WOWLAN

**Platform Supported:**

- Linux (kernel 3.13 ~ 5.17)
- Android 8, 9, 10, 11 and 12

**CPU supported:**

- x86
- ARM
- MIPS