

**Product:** RTL8851B USB Wi-Fi Software Package - Linux Driver  
**Version:** v1.19.10-78-gfbe3fba11.20240422

**Release History:**

v1.19.10-70-g84e35c28d.20231019 - chplan_ver: 64-41	<ol style="list-style-type: none"><li>1. First release version</li><li>2. Support Android-13</li><li>3. Support Linux-5.19</li></ol>
v1.19.10-78-gfbe3fba11.20240422 - chplan_ver: 64-40	<ol style="list-style-type: none"><li>1. Support linux kernel up to 6.6</li><li>2. [BugFix] Index out-of-boundary in rtw_build_vht_cap_ie on virtual adapter</li><li>3. [Bugfix] add ch switch notify in start_clnt_join</li></ol>

**Description:**

Realtek provides the solution for WLAN in hardware and software. The software package could be adopted for Realtek RTL8851B USB WLAN series hardware on Linux based platforms.

**Software Version:**

RTL8851B USB Linux Driver Version: v1.19.10-78-gfba11.20240422

**Hardware Supported:**

- RTL8851BU

**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 R3
- 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
- WOWLAN
- BT-COEXIST

**Platform Supported:**

- Linux (kernel 3.13 ~ 6.6)
- Android 8, 9, 10, 11, 12 and 13

**CPU supported:**

- x86
- ARM
- MIPS

**Apply new regulatory setting rule:**

CAUTION : \*MUST\* config to match the certification status of shipping product, otherwise regression issue on regulatory may happen.