

NAME

rtwn_usb - Realtek USB device glue

SYNOPSIS

To compile this driver into the kernel, place the following lines in your kernel configuration file:

```

device xhci
device ehci
device uhci
device ohci
device usb
device rtwn
device rtwn_usb
device wlan

```

DESCRIPTION

This module provides the USB bus glue needed for the devices supported by the `rtwn(4)` driver.

HARDWARE

The `rtwn_usb` driver supports Realtek

RTL8188CUS/RTL8188RU/RTL8188EU/RTL8192CU/RTL8192EU/RTL8812AU/RTL8821AU based USB wireless network adapters, including:

<i>Card</i>	<i>Chip</i>	<i>Bus</i>
Alfa AWUS036NHR v2	RTL8188RU	USB 2.0
ASUS USB-AC56	RTL8812AU	USB 3.0
ASUS USB-N10 NANO	RTL8188CUS	USB 2.0
ASUS USB-N10 NANO rev B1	RTL8188EUS	USB 2.0
Asus USB-N13, rev. B1	RTL8192CU	USB 2.0
Belkin F7D1102 Surf Wireless Micro	RTL8188CUS	USB 2.0
Buffalo WI-U2-433DHP	RTL8821AU	USB 2.0
Buffalo WI-U2-433DM	RTL8821AU	USB 2.0
Buffalo WI-U3-866D	RTL8812AU	USB 3.0
D-Link DWA-121 rev C1A (N150 Nano)		
	RTL8188EU	USB 2.0
D-Link DWA-123 rev D1	RTL8188EU	USB 2.0
D-Link DWA-125 rev D1	RTL8188EU	USB 2.0
D-Link DWA-131	RTL8192CU	USB 2.0
D-Link DWA-131 rev E1	RTL8192EU	USB 2.0
D-Link DWA-171 rev A1	RTL8821AU	USB 2.0

D-Link DWA-172 rev A1	RTL8821AU	USB 2.0
D-Link DWA-180 rev A1	RTL8812AU	USB 2.0
D-Link DWA-182 rev C1	RTL8812AU	USB 3.0
Edimax EW-7811Un	RTL8188CUS	USB 2.0
Edimax EW-7811UTC	RTL8821AU	USB 2.0
Edimax EW-7822UAC	RTL8812AU	USB 3.0
EDUP EP-AC1620	RTL8821AU	USB 2.0
Elecom WDC-150SU2M	RTL8188EU	USB 2.0
EnGenius EUB1200AC	RTL8812AU	USB 3.0
Foxconn WFUR6	RTL8812AU	USB 2.0
Hawking HD65U	RTL8821AU	USB 2.0
Hercules Wireless N USB Pico	RTL8188CUS	USB 2.0
I-O Data WN-AC867U	RTL8812AU	USB 3.0
Linksys WUSB6300	RTL8812AU	USB 3.0
NEC AtermWL900U PA-WL900U	RTL8812AU	USB 3.0
Netgear A6100	RTL8821AU	USB 2.0
Netgear WNA1000M	RTL8188CUS	USB 2.0
Mercusys MW150US	RTL8188EU	USB 2.0
Planex GW-900D	RTL8812AU	USB 3.0
Realtek RTL8192CU	RTL8192CU	USB 2.0
Realtek RTL8188CUS	RTL8188CUS	USB 2.0
Sitecom WLA-7100	RTL8812AU	USB 3.0
TP-Link Archer T2U Nano	RTL8821AU	USB 2.0
TP-Link Archer T2U Plus	RTL8821AU	USB 2.0
TP-Link Archer T2U v3	RTL8821AU	USB 2.0
TP-Link Archer T4U	RTL8812AU	USB 3.0
TP-Link Archer T4U v2	RTL8812AU	USB 3.0
TP-Link Archer T4UH v1	RTL8812AU	USB 3.0
TP-Link Archer T4UH v2	RTL8812AU	USB 3.0
TP-Link TL-WN722N v2	RTL8188EU	USB 2.0
TP-LINK TL-WN723N v3	RTL8188EU	USB 2.0
TP-LINK TL-WN725N v2	RTL8188EU	USB 2.0
TP-LINK TL-WN727N v5	RTL8188EU	USB 2.0
TP-LINK TL-WN821N v4	RTL8192CU	USB 2.0
TP-LINK TL-WN821N v5	RTL8192EU	USB 2.0
TP-LINK TL-WN822N v4	RTL8192EU	USB 2.0
TP-LINK TL-WN823N v1	RTL8192CU	USB 2.0
TP-LINK TL-WN823N v2	RTL8192EU	USB 2.0
TRENDnet TEW-805UB	RTL8812AU	USB 3.0
ZyXEL NWD6605	RTL8812AU	USB 3.0

SEE ALSO

rtwn(4), rtwn_pci(4), rtwnfw(4), usb(4)

BUGS

The **rtwn_usb** driver does not support any of the 802.11ac capabilities offered by the adapters. Additional work is required in `ieee80211(9)` before those features can be supported.