



Features

- **Friendly to flash to OpenWrt**
Support easy flash to your own OpenWrt firmware
- **High Speed Data Rates**
Providing faster data rates up to 300Mbps (802.11n) and compatible with legacy 802.11b/g equipment
- **Flexible USB Port**
Support specific Alfa WiFi USB adapters and 4G modem
- **RWB mobile friendly**
Support mobile user friendly web setup
- **Automotive Cigarette lighter Surge protection**
Protect vehicle inrush current up to 36VDC
- **Enhanced ESD protection**
Protect Ethernet port, RF and USB port damaged from ESD
- **Hardware Watchdog**
Recover from fault to insure device working properly

Internet Sharing Applications



Mobile Coffee Car

4G modem extender mode



Tours Bus

4G modem extender mode



Hotspot extend

WiFi USB extender mode

Specifications

Chipset	QCA9531	Security	64/128bit WEP WPA(TKIP with IEEE 802.1x) WPA2(AES with IEEE 802.1x) WPA Mixed 802.1x authentication	
Standard	IEEE 802.11n/b/g (2x2)			
Frequency	2.142 – 2.484GHz			
Flash/SDRAM	16 MB / 128 MB	RF Performance (2 streams / ± 2 dB)	TX	23dBm
Data Rate	802.11n: up to 300Mbps 802.11g: up to 54Mbps 802.11b: up to 11Mbps		RX:	11b: -96@1M 11g: -77@54M 11n: -90@HT20
Channel Width	20 / 40MHz			
Antenna	1x detachable antenna 1x internal antenna	Operation Temperature	-20°C ~ 60°C	
LED Indicated	PWR, LAN, WAN, USB, WLAN	Storage Humidity	10% ~ 90% (Non-condensing)	
Power requirement	DC Jack 12V Passive PoE 12-24V	Dimension(mm)	93 x 70 x 26 mm	
		Weight	74g	

Supported USB Device

WiFi USB	AWUS036NH AWUS036NEH Tube-UN
4G USB modem	Alfa Onyx4GU Tube-U4G