



**Model Number:** WL572USB

**Description:** 150Mbps Wireless N USB Adapter 802.11n/b/g (1T\*1R)

### A. OVERVIEW



WL572USB is a Wireless USB Adapter which complies with the most advanced IEEE 802.11n standard and can deliver up to 150Mbps stable wireless data rate. It supports WPS (Wi-Fi Protected Setup) to help you create wireless secure connection quickly to prevent outside intrusion and to protect your personal information from being exposed. It can be used to share wireless network with others as a wireless AP by the mode of Soft AP and provide quite stable wireless signal. Generally, it is the perfect solution for small offices and home needs.

### B. HIGHLIGHTS

- Complies with 11N standard, up to 150Mbps high-speed transmission rate.
- 64/128-bit WEP encryption and WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES) security.
- Supports WPS (Wi-Fi Protected Setup) with one-click.

### C. FEATURES

- Complies with IEEE 802.11n and IEEE 802.11g/b standards for 2.4GHz Wireless LAN.
- Up to 150Mbps data rate for Wi-Fi network.
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (TKIP/AES) encryption.
- WPS button allows to build a security connection by one click.
- Supports infrastructure and Ad-Hoc network modes.
- Low power consumption.
- Transmission distance up to 100m indoor and 300m outdoor.
- Supports Windows XP, Vista, Win 7/Win 8 32/64.

### D. SPECIFICATIONS

#### Hardware

Interface	- USB 2.0
Chipset	- MT7601U
Button	- WPS button
LED Indicators	- Status
Dimensions	- 49.8mm x 16.8mm x 6.7mm (L x W x H)
Antenna	- 1*internal antenna
Environment	- Operating Temperature: 0°C~40°C (32°F~104°F) - Storage Temperature: -40~70°C (-40°F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing

#### Wireless

Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
RF Frequency	- 2.4~2.4835GHz
Data Rate	- 802.11n: up to 150Mbps - 802.11g: up to 54Mbps (dynamic) - 802.11b: up to 11Mbps (dynamic)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Output Power	- 20dBm (Max.)
Channels	- 1-11 (North America), 1-13 (General Europe), 1-14 (Japan)
Modulation Type	- DBPSK, DQPSK, CCK and OFDM (BPSK, QPSK, 16-QAM/ 64-QAM)
Reception Sensitivity	135M: -65 dBm@10% PER 108m: -68dBm@10% PER 54M: -68 dBm@10% PER 11M: -85 dBm@8% PER 6M: -88 dBm@10% PER 1M: -90 dBm@8% PER