

JW301UE

11b/g/n wireless USB External antenna adapter



This IEEE 802.11n Draft 2.0 (1Tx1R MIMO) Wireless USB2.0 Adapter is designed for SOHO users. It allows users to enjoy wireless network and easy wireless security connection.

Specification

Standard

- IEEE 802.11n Draft 2.0 compliance.
Backwards compatible with 802.11b/g

Data rate

- 802.11n (40MHz): Up to 150Mbps
- 802.11n (20MHz): Up to 75Mbps
- 802.11g: 54, 48, 36, 24, 18, 12, 9, 6Mbps
- 802.11b: 11, 5.5, 2, 1Mbps

Operating Frequency /Channel

- USA (FCC) 11 Channels: 2.412GHz ~ 2.462GHz
- Europe (ETSI) 13 Channels: 2.412GHz ~ 2.472GHz
- Japan 14 channels: 2.412GHz ~ 2.484GHz

RF Output Power

- 17dBm +/-1dBi for 802.11b
- 15dBm +/-1dBi for 802.11g
- 14dBm +/-1dBi for 802.11n

Standards supported

- IEEE 802.11e Qos enhancement (WMM)
- IEEE802.11i
- Cisco Compatible Extensions (CCx4)

Transmission distance

- Indoor: up to 100 meters
- Outdoor: up to 300 meters

Security

- 64/128-bits WEP Encryption
- WPA
- WPA2
- WPS

Interface

- USB 2.0 compatible

Environmental Specifications

- Operating Temperature: 0°C~50°C
- Humidity: 10% ~ 90% (non-condensing)

Certification

IEEE802.11n PHY rate

