

JW100UN

Wireless 11N USB Card

The device is an IEEE802.11b/g compliant wireless USB Card. It provides superior performance and interoperability within a mixed mode network (802.11b , 802.11g and 802.11n). The device is backwards compliant with all 802.11b/g/n wireless equipment.



Key Features

- Complies with IEEE 802.11b, 802.11g and 802.11n standard for 2.4GHz Wireless LAN
- Compliant with USB2.0 Standard
- Capable of up to 128-Bit WEP, TKIP and AES
- Supports Windows98/ME/2000/XP/Vista/Win7
- Supports MIMO technology with 1 transmit and 1 receive.
- Lower power consumption
- Easy to install and configure
- Support WPS

Specifications

Hardware Specification

- Chip
 - ✧ RTL8188SU
- DRAM/FLASH
 - ✧
- Button
 - ✧ WPS Button
- LED
 - ✧ Link/Activity
- Host Interface
 - ✧ USB
- Wireless Spec.
 - ✧ Antenna Type
 - Microstrip Antenna
 - ✧ Frequency band
 - 2.412GHz-2.4835GHz
 - ✧ Wireless Signal Rates
 - 802.11b:(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps)
 - 801.11g:(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)
 - 802.11n: (300Mbps ~ 270Mbps)

- ✧ RF Power
 - 11n:13dBm
 - 11g:15dBm
 - 11b:18dBm
- ✧ Modulation
 - OFDM
 - CCK
- ✧ Transmission rate
 - Indoors: up to 150meters
 - Outdoors: up to 600meters
- ✧ Number of Selectable Channels
 - USA, Canada(FCC): 11 channels(2.412GHz-2.462GHz)
 - Europe(CE): 13 channels (2.412GHz-2.472GHz)
 - Japan: 14 channels (2.412GHz-2.4835GHz)

Software Specification

- Standards
 - ✧ 802.11b/g/n
 - ✧ 802.11i

Environment

- Dimension
 - ✧ 60mm(L) x 24mm(W) x 8.5mm(H)
- Weight
 - ✧ 8g
- Power
 - ✧ 3.3v
- Operating Temperature
 - ✧ 0° to 50° C
- Storage Temperature
 - ✧ -20° to 70° C
- Operating Humidity
 - ✧ 10% to 85 % non-condensing
- Storage Humidity
 - ✧ 5% to 90% non-condensing

Certification

FCC Part 15 Class B CE Mark

Ordering information

Model	Description
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