

JW100PN



Wireless 11N PCI Card

The device is an IEEE802.11b/g/n compliant Wireless PCI Card. It provides superior performance and interoperability within a mixed mode network (802.11b, 802.11g and 802.11n). The JW100PN 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 PCI 2.2 Standard.
- Capable of up to 128-Bit WEP, TKIP and AES
- Supports Windows98/ME/2000/XP/Vista.
- Supports MIMO technology with 1 transmit and 2 receive.
- Lower power consumption.
- Easy to install and configure.

Specifications

Hardware Specifications	Chip	RTL8190+RTL8256
	Power	3.3V
	LED Indicator	PWR Link/Activity
	Dimension	122mm(L) x 18.5mm(W) x 120mm(H)
	Weight	67g
	Host Interface	PCI Interface 2.2
Wireless Parameter	Antenna	2dBi
	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
	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)
	Transmission distance	Indoors: up to 150meters; Outdoors: up to 600meters

Standards	802.11b/g/n
Temperature	0° to 50° C (operating) -20° to 70° C (storage)
Humidity	10% to 85 % non-condensing (operating), 5% to 90% non-condensing (storage)
Certifications	FCC Part 15 Class B, CE Mark

Ordering information

Model	Description
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