

# JW54P(C)

## Wireless PCI Adapter



JW54P is an IEEE802.11b/g compliant wireless PCI Card. It provides superior performance and interoperability within a mixed mode network (802.11b and 802.11g). The JW54P is backwards compliant with all 802.11b/g wireless Equipment.

## Key Features

- Complies with IEEE 802.11b and 802.11g standard for 2.4GHz Wireless LAN
- Compliant with PCI 2.2 Standard.
- Capable of up to 128-Bit WEP, WPA, WPA2, 802.1X.
- Supports Windows98/ME/2000/XP.
- Lower power consumption.
- Easy to install and configure.

## Specification:

- **Chip** : 88W8335+88W8010
- **Host Interface**: PCI Interface 2.2
- **Standards**: IEEE 802.11b IEEE 802.11g
- **Antenna Type**: Dipole Antenna (2db)
- **Wireless Frequency Range**: 2.412GHz-2.4835GHz
  
- **Wireless Signal Rates (With automatic fallback)**  
802.11b(11Mbps,9Mbps, 6Mbps, 5, 5Mbps, 2Mbps, 1Mbps)  
801.11g(54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps)
  
- **Wireless Transmit Output Power**: 54Mbps OFDM:15dBm +/- 2dBm;  
11Mbps CCK: 16dBm-18dBm
  
- **Modulation**:  
**11g: Orthogonal Frequency Division Multiplexing (OFDM)**  
54Mbps/48Mbps:QAM-64  
36Mbps/24Mbps:QAM-16  
18Mbps/12Mbps:QPSK  
9Mbps/6Mbps:BPSK  
**11b: Direct Sequence Spread Spectrum(DSSS)**  
11Mbps/5.5Mbps:CCK  
2Mbps:DQPSK  
1Mbps:DBPSK

- **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)

- **Modulation Technique:**

802.11b: Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK)

802.11g: Orthogonal frequency division multiplexing

- **Security:** Hardware-Based Encryption/Decryption Using 64-, 128-bit Wired-Equivalent Privacy (WEP) keys, WPA and WPA2 are also supported.

- **Range:** indoors: up to 100meters; Outdoors: up to 300meters

- **LED Indicators:** Link/Activity

- **Power:** 3.3v Bus powered

- **Dimension:** 120mm(L) x 40mm(W)

- **Weight:** 50g

- **Temperature:** 0°C to 50°C ( Operating ), -20°C to 70°C ( Storage)

- **Humidity:** 5% to 90 % non-condensing (operating), 5% to 90% non-condensing (Storage)

- **Certifications:** FCC Part 15 Class A, CE Mark

## Ordering information

MODEL	DESCRIPTION
JW54P	Wireless-G PCI Adapter

