

# Wireless 11g PC Card



WgC/G

❖ IEEE 802.11g/b, WPA Compliant

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## **Features**

- Works with both IEEE 802.11b and IEEE 802.11g products
- High-speed transfer data rate - up to 54Mbps
- High throughput supports multi-media data bandwidth requirement
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions for high level of security
- Automatic fallback increases data security and reliability
- Supports the most popular operating system: Windows 98SE/Me/2000/XP
- Supports 32-bit Cardbus interface

# Wireless 11g PC Card

## Specifications

<b>Standard</b> <ul style="list-style-type: none"><li>• IEEE 802.11g/b</li></ul>
<b>Bus Type</b> <ul style="list-style-type: none"><li>• 32-bit CardBus interface</li></ul>
<b>Frequency Band</b> <ul style="list-style-type: none"><li>• 2.4000~2.4835GHz (Industrial Scientific Medical Band)</li></ul>
<b>Frequency Band</b> <ul style="list-style-type: none"><li>• 2.4000~2.4835GHz (Industrial Scientific Medical Band)</li></ul>
<b>Modulation</b> <ul style="list-style-type: none"><li>• OFDM with BPSK, QPSK, 16QAM, 64QAM (11g) BPSK, QPSK, CCK (11b)</li></ul>
<b>Data Rate</b> <ul style="list-style-type: none"><li>• 54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback</li></ul>
<b>Security</b> <ul style="list-style-type: none"><li>• 64/128-bit WEP Data Encryption, WPA (TKIP with IEEE 802.1x) and AES</li></ul>
<b>Antenna</b> <ul style="list-style-type: none"><li>• Printed Antenna with Diversity System</li></ul>
<b>Drivers</b> <ul style="list-style-type: none"><li>• Windows 98SE/Me/2000/XP</li></ul>
<b>LEDs</b> <ul style="list-style-type: none"><li>• TX/RX, Link</li></ul>
<b>Power Consumption</b> <ul style="list-style-type: none"><li>• Tx: 350mA, Rx: 250mA</li></ul>
<b>Transmit Power</b> <ul style="list-style-type: none"><li>• 16dBm ~ 18dBm</li></ul>

### Receive Sensitivity

- 54Mbps OFDM, 10% PER, -70dBm
- 11Mbps CCK, 8% PER, -86dBm
- 1Mbps BPSK, 8% PER, -92dBm

### Dimension

- 8(H) x 118(W) x 54(D) mm

### Temperature

- 32~122°F (0 ~50°C)

### Humidity

- Max. 95% (Non-Condensing)

### Regulatory Approvals

- FCC, CE

### Application:

