

# Wireless MIMO PCI Card



WMP/G

❖ Superior Wireless Coverage and Reliability

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## **Features**

- Compliant with both IEEE 802.11b and IEEE 802.11g products
- Farther coverage, less dead spaces and higher throughput with MIMO technology
- Supports WMM (IEEE 802.11e QoS standard), enhance multi-media support
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x functions for high level of security)
- Supports CCX 2.0 (Cisco Compatible Extensions) for the radio monitoring and fast roaming
- Supports the most popular operating system: Windows 98SE/Me/2000/XP
- Supports 32-bit PCI interface

# Wireless MIMO PCI Card

## Specifications

<b>Wireless Features</b> <ul style="list-style-type: none"> <li>Compliant with IEEE 802.11g, 802.11b and MIMO standards</li> <li>Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x</li> <li>Support Operation Mode as Ad-hoc or infrastructure</li> </ul>
<b>Quality of Service (QoS)</b> <ul style="list-style-type: none"> <li>IEEE 802.11e QoS</li> <li>Wi-Fi Alliance WMM (Wi-Fi Multimedia Enhancement) support</li> </ul>
<b>Bus Type</b> <ul style="list-style-type: none"> <li>32-bit PCI</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: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g)</li> <li>DSSS: DBPSK, DQPSK, CCK(11b)</li> </ul>
<b>Data Rate</b> <ul style="list-style-type: none"> <li>IEEE 802.11b: 1, 2, 5.5 and 11 Mbps</li> <li>IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 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 WPA2 (AES with IEEE 802.1x)</li> </ul>
<b>Antenna</b> <ul style="list-style-type: none"> <li>External Smart Antenna with Two RX and One TX (Connector: RP-SMA)</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>Link, TX/RX</li> </ul>
<b>Transmit Power</b> <ul style="list-style-type: none"> <li>18dBm <math>\pm</math> 2dBm</li> </ul>

### Receive Sensitivity

- 54Mbps OFDM, 10% PER, -79dBm
- 11Mbps CCK, 8% PER, -90dBm
- 1Mbps BPSK, 8% PER, -95dBm

### Dimension

- 19(H) x 130(W) x 121(D) mm

### Temperature

- 32~122°F (0 ~50°C)

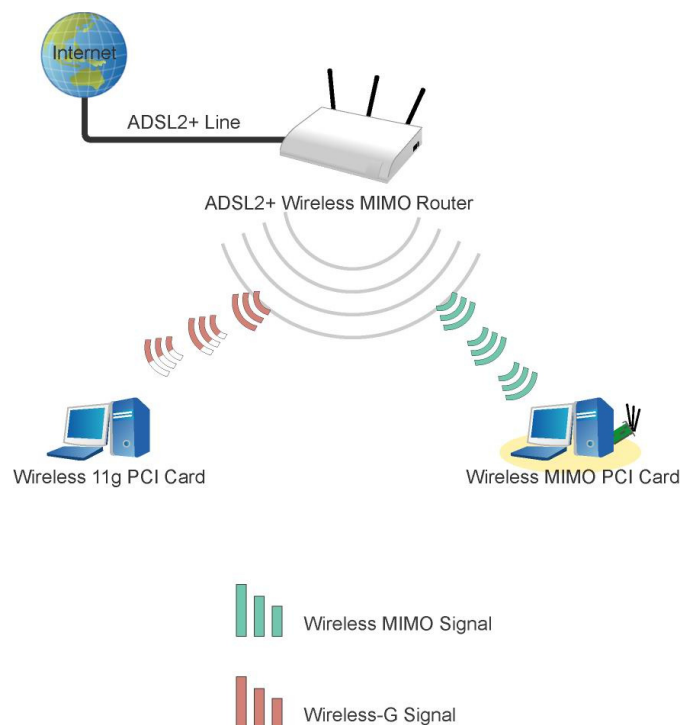
### Humidity

- Max. 95% (Non-Condensing)

### Regulatory Approvals

- FCC, CE

### Application:



FCCEO

ACEEX

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