

## Mini-PCI Wireless LAN Card

IEEE802.11b/g Mini-PCI Wireless LAN card



### Specifications:

#### Radio

**Frequency Band:**

- 2400-2483.5MHz( for US, Canada)
- 2400-2483.5MHz( for Europe, Japan)

**Operating Channel:**

- IEEE 802.1b, Direct Sequence Spread Spectrum, IEEE 802.11g, Orthogonal Frequency Division Multiplexing
- 11 Channels( US, Canada)
  - 13 Channels( Europe, Japan)

**Modulation Type:**

QPSK, BPSK, CCK, OFDM

**Data Rate:**

Up to 54Mbps

**Antenna:**

Internal with diversity function

**Power Consumption:**

- 802.11b: 250 mA@3.3V, 802.11g: 230mA@3.3V
- Listening: 190mA@3.3V

**Receiver Sensitivity:**

- Min -71dBm@54Mbps, PER<8%
- Min -84dBm@11Mbps, PER<8%

**Compliant:**

FCC Part 15 B, C

**Media Access  
Controller/  
Baseband  
Controller**

**Chip:**  
VT6655

**Media Access Protocol:**  
CSMA/ CA( Collision Avoidance) with ACK

**Interface**

**Host Interface:**  
Support Full 32Bit PCI Standard

**Driver Supporting**

**Operating System:**  
Windows: 98SE/ Me/ NT/ 2000/ XP/ 2003 Ser., Linux( 2.4.x/2.6.x),  
CE( 4.2/5.0b)

**Mechanical**

**Physical Dimension:**  
64.7x44.6x3.8mm

**Weight:**  
20g

**Environmental  
Requirement**

**Operating Temperature:**  
•0°C to 50°C in Operating  
•-20°C to 70°C in Storage

**Operating Humidity:**  
•0% to 70% in Operating  
•0% to 95% Non-condensing in Storage

**Compliance Certifications:**  
Wi-Fi, FCC

**Packing List**

- Mini-PCI Wireless LAN Card x1

**Option List**

- WIRELESS-ANTENNA x1
- WIRELESS-CABLE-150MM x1

## x-PCI Wireless LAN Kit



**Antenna**