





## 108Mbps 802.11g MIMO Wireless PC Card TEW-601PC

Designed to give you wider coverage, the MIMO 802.11g Wireless PC Card seamlessly connects to your wireless network without performance degradation. It also supports universal wireless connectivity with 802.11b or 802.11g networks, reaches speeds of up to 108Mbps, and secures wireless transmissions with either WPA or WEP encryption.

- FEATURES Wi-Fi Compliant with IEEE 802.11a, 802.11g and IEEE 802.11b Standards
  - Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
  - Supports Super G Technology with Data Rate up to 108Mbps (8X Faster)
  - Enhance Wireless Coverage with MIMO Technology of up to 800% More Coverage
  - Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6Mbps for 802.11a/g
  - Dynamic Data Rate Scaling at 11, 5.5, 2 and 1Mbps for 802.11b
  - · Maximum Reliability, Throughput and Connectivity with Automatic Data Rate Switching
  - Compatible with Windows 2000/XP (SP1/SP2)/2003 Server
  - Supports 64/128/152-bit WEP, WPA/WPA2 (AES/TKIP) and WPA-PSK/WPA2-PSK
  - · Low Interference and High Susceptibility Guarantee Reliable Performance
  - Simple User Setup & Diagnostics Utilities
  - 3-Year Warranty

### BENEFITS

### **Economical:**

Save Time, Labor, and Materials; Compare with Wired Network Installation

Creates wireless peer-to-peer network in Ad-Hoc mode or connects to Ethernet LAN in Infrastructure mode using Wireless Access Point or Wireless Router

### **Cost Effective:**

Supports IEEE 802.11b and IEEE 802.11g Standards; Connects to any IEEE 802.11b/g wireless network

### Performance:

108Mbps High Speed Wireless Connection and 800% More coverage

# **108Mbps 802.11g MIMO Wireless PC Card** TEW-601PC

### **SPECIFICATIONS**

Hardware	
Interface	32-Bit 3.3V CardBus Type II Card
Standards	IEEE 802.11b and IEEE 802.11g
LED Indicator	Power, Link
Power Consumption	Receive Mode: 650mA(max); Transmit Mode: 680mA(max)
Supported OS	Windows 2000/XP (SP1/SP2), 2003 Server
Dimensions (LxWxH)	• 114 x 54 x 3mm (4.3 x 2.1 x 0.13 inches)
Weight	• 40g (1.3oz)
Temperature	• Operating: 0° ~ 50° C (32° ~ 122° F) • Storage: -25° ~ 70° C (-13° ~ 158° F)
Humidity	• 10% ~ 90% max (Non-condensing)
Certification	• FCC, CE
Wireless	
Module Technique	802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
	802.11a/g: OFDM with BPSK, QPSK and 16/64-QAM Sub-Carrier Mo
Antenna	Built-in 4 PCB Antennas
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA
Data Rate (auto fallback)	802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
	• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super G : 108Mbps
Output Power	802.11b: 18dBm (typical)     802.11g: 16dBm (typical)
Receiving Sensitivity	802.11b: 11Mbps 10 5 BER @ -85 dBm (typical)     802.11g: 54Mbps 10 5 BER @ -74 dBm (typical)
Encryption	64/128/152-bit WEP (Hex & ASCII), WPA/WPA2, WPA/WPA2-PSK
Channels	• 1~11 (US), 1~13 (EU)

### NETWORKING SOLUTIONS

# 108Mbps 802.11g MIMO Wireless PC Card (TEW-601PC) 108Mbps 802.11g MIMO Wireless Router (TEW-611BRP) Cable/DSL Modem





### PACKAGE CONTENTS

- TEW-601PC
- Multi-Language Quick Installation Guide
- Utility & Driver CD-ROM

### RELATED PRODUCTS

TEW-603PI	108Mbps 802.11g MIMO Wireless PCI Adapter
TEW-610APB	108Mbps 802.11g MIMO Wireless Access Point
TEW-611BRP	108Mbps 802.11g MIMO Wireless Router

### ORDERING INFORMATION

# **TRENDNET**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500 Fax: 1-310-961-5511 Web: www.trendnet.com Email: sales@trendnet.com

To Order Please Call:

1-888-326-6061