



## 108Mbps 802.11g Wireless PC Card TEW-441PC (V2.0R)

TEW-441PC 108Mbps Wireless CardBus PC Card allows laptop users the mobile freedom to connect at home, in the office or to wireless hotspots on the road. It complies with the IEEE 802.11g standard, making it backward compatible with 802.11b networks for assured compatibility as you roam between networks. Advanced 128-bit WEP encryption is supported to provide secure access for your data. Cut the wires and move freely with TRENDnet's 802.11g wireless products.

### FEATURES

- Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
- Uses 2.4 GHz Frequency Band, which Complies with Worldwide Requirements
- Supports Ad-Hoc (Peer-to-Peer) Mode or Infrastructure (AP-Client) Mode
- Supports Super G technology Data Rate up to 108Mbps
- Dynamic Data Rate Scaling at 54, 48, 36, 24, 18, 12, 9 and 6Mbps for 802.11g
- 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 98SE/ME/2000/XP/Vista
- Supports 64/128-Bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Low Interference and High Susceptibility Guarantee Reliable Performance
- Range of 35~100 meters indoor, 100~300 meters outdoor (depends on the environment)
- Simple User Setup & Diagnostics Utilities
- 3-Year Warranty

Note: Coverage and Speed performance might vary depending on the network environment.

# 108Mbps 802.11g Wireless PC Card

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### SPECIFICATIONS

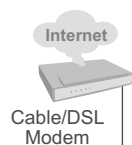
Hardware	
Interface	• 32-Bit 3.3V CardBus Type II Card
Standards	• IEEE 802.11b and IEEE 802.11g
LED Indicator	• Power, Link
Power Consumption	• Receive Mode: 250mA(max) ; Transmit Mode: 350 mA(max)
Supported OS	• Windows 98SE, ME, 2000, XP, Vista
Dimensions (LxWxH)	• 118 x 54 x 7mm (4.65 x 2.1 x 0.2 inches)
Weight	• 36g (1.27oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• 10% ~ 95% max (Non-condensing)
Certification	• FCC, CE
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM
Frequency	• 2.412 to 2.484 GHz (Industrial Scientific Medical Band)
Media Access Protocol	• CSMA/CA with ACK
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11a/g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • Super AG : 108Mbps
Transmit Power	• 17dBm (typically) @ 802.11b • 14dBm (typically) @ 802.11g
Receiving Sensitivity	• 11Mbps 8% PER @ -85 dBm (typical) • 54Mbps 10% PER @ -75 dBm (typical)
Security	• 64/128-Bit WEP (Hex or ASCII), WPA/WPA2, WPA-PSK/WPA2-PSK
Channels	• 1~13 Channels *Local regulatory restrictions may apply

### NETWORKING SOLUTIONS



Workstation with  
108Mbps 802.11g  
Wireless PCI Adapter  
(TEW-443PI)

#### Notebook with 108Mbps 802.11g Wireless PC Card (TEW-441PC)



Cable/DSL  
Modem



108Mbps 802.11g  
Wireless Access Point  
(TEW-450APB)



Workstation with  
108Mbps 802.11g Wireless  
USB 2.0 Adapter  
(TEW-444UB)

108Mbps Wireless

### PACKAGE CONTENTS

- TEW-441PC
- Multi-Language Quick Installation Guide
- Utility & Driver CD-ROM

### RELATED PRODUCTS

TEW-443PI	108Mbps 802.11g Wireless PCI Adapter
TEW-444UB	108Mbps 802.11g Wireless USB 2.0 Adapter
TEW-450APB	108Mbps 802.11g Wireless Access Point

### ORDERING INFORMATION

#### TRENDnet®

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