



PEATSA.

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108Mbps 802.11g Wireless PC Card

TEW-441PC



TRENDnet's 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.



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

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 98(SE)/ME/2000/XP (SP1/SP2)/2003 (WZC) Server
- Supports 64/128-bit WEP, WPA and WPA-PSK
- Integrated 2dBi Microstrip Dual Diversity Antenna for the Multi-Path Environment
- 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

Specifications

Hardware

Interface	32-Bit CardBus Type II Card
Standards	IEEE 802.11b and IEEE 802.11g
Antenna	2dBi Integrated Microstrip Dual Diversity Antenna
LED Indicator	Power, Link
Power Consumption	Receive Mode: 250mA Transmit Mode: 350 mA
Supported OS	Windows 98(SE), ME, 2000, XP(SP1/SP2), 2003 Server
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)



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	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 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps Super G: 108Mbps
Transmit Power	17dBm (typically) @ 802.11b 14dBm (typically) @ 802.11g
Receiving Sensitivity	11Mbps 8% PER @ -95 dBm (typical) 54Mbps 10% PER @ -75 dBm (typical)
Security	WPA, WPA-PSK, 64/128-Bit WEP (Hex or ASCII)
Channels	1~11 (US), 1~13 (EU)

Networking Solution

