



TEW-403PIplus 125Mbps 802.11g Wireless PCI Adapter

TRENDnet's TEW-403PIplus High Speed Wireless G PCI Adapter enables your desktop PC to connect wirelessly to IEEE 802.11g and b networks at speeds of up to 125Mbps. Ultra-secure WEP and WPA-compliant encryption ensure your network is protected, so you can share files, Internet connections, and other resources with the peace of mind you deserve.



FEATURES

- ... Uses 2.4 GHz Frequency Band, which Complies with Worldwide Requirements
- ... 32-bit PCI Bus Specification 2.2
- ... Up to 125Mbps High Speed Wireless Connection (Afterburner Technology)
- ... Wi-Fi Compliant with IEEE 802.11g and 802.11b Wireless Devices
- ... Dynamically Shifts Network Speed (based on signal strength)
- ... 2dBi Detachable Antenna with Female Reverse SMA Connector
- ... Supports Ad-Hoc (Peer-to-Peer) mode and Infrastructure mode (Access Point)
- ... Compatible with Windows 98SE/ME/2000/XP
- ... 64/128-bit Wired Equivalent Privacy (WEP) with ASCII, HEX, or Passphrase Key
- ... Supports Wi-Fi Protected Access (WPA) Pre-Shared Key
- ... Stores Multiple Wireless Network Profiles
- ... Low Interference and High Susceptibility Guarantee Reliable Performance
- ... Low Power Consumption and Easy Configurations
- ... Enables High Data Rate Multimedia Applications such as Video Streaming Transmission
- ... Range for 802.11b: up to 35~60 meters indoor and 180 meters outdoor (depends on the environment)
- ... Range for 802.11g: up to 20 meters indoor and 50 meters outdoor (depends on the environment)
- ... 3-Year Warranty

BENEFITS

- ... **Economical:** Save time, labor, and materials; compare with wired network installation.
- ... **Flexible:** 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 draft standards; connects to any IEEE 802.11b and 802.11g wireless network.
- ... **Performance:** Up to 125Mbps High-speed wireless connection.



TEW-403Pplus

125Mbps 802.11g Wireless PCI Adapter

SPECIFICATIONS

Hardware

Adapter Type:

- 32bit PCI Bus Power Management Specification 2.2

Standards:

- IEEE 802.11g and IEEE 802.11b

Driver Support:

- Windows 98SE/ME/2000/XP

Antenna:

- 2dBi Detachable Antenna with Reverse SMA connector

LED Indicator:

- Link Activity

Dimensions (L x W) :

- 120 x 85 x 13 mm (4.7x 3.3 x 0.5 inches) (without the metal bracket)

Weight:

- 90g (3.2 oz.) with antenna

Temperature:

- Operating: 0° ~ 50° C (32° ~ 122° F)
- Storage : -20° ~ 65° C (-4° ~ 149° F)

Humidity:

- Max. 95% (Non-Condensing)

Certification:

- FCC class B, CE



Wireless

Frequency:

- 2.4 to 2.4385GHz (Industrial Scientific Medical Band)

Module Technique:

- 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps)
- 802.11g: OFDM

Media Access Protocol:

- CSMA/CA with ACK

Transmit Power:

- 15dBm (max.)

Data Rate:

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps
- High Speed-G: 125Mbps (Afterburner technology, Enhanced Throughput by up to 40%)

Receiving Sensitivity:

- 11Mbps 10 – 5 BER @ -80 dBm (typical)
- 54Mbps 10 – 5 BER @ -65 dBm (typical)

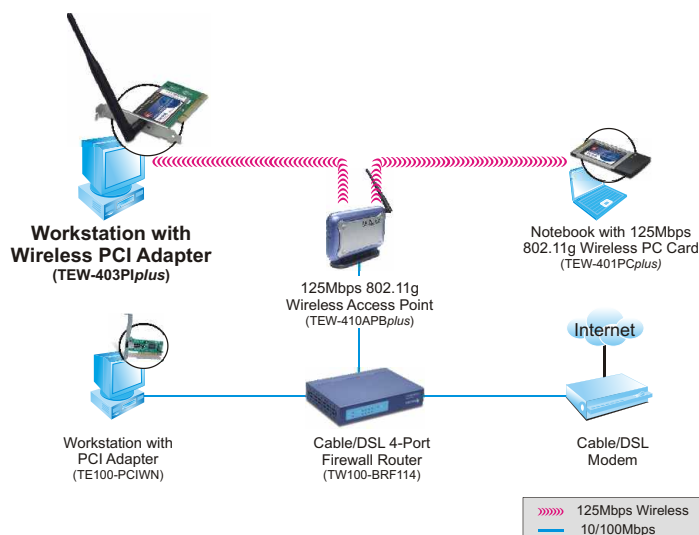
Power Consumption:

- Operating: (TX: 550mA, RX: 350mA) @ 3.3VDC
- Idle: 225mA @ 3.3VDC ; Radio Disabled: <10mA @ 3.3VDC

Channel:

- 1~13 Channels

NETWORKING SOLUTIONS



To Order Please Call:
1-888-326-6061

RELATED PRODUCT

- > **TEW-401PCplus:** 125Mbps 802.11g Wireless PC Card
- > **TEW-403Pplus:** 125Mbps 802.11g Wireless PCI Network Adapter
- > **TEW-410APBplus:** 125Mbps 802.11g Wireless Access Point + Bridge + Repeater
- > **TEW-411BRPplus:** 125Mbps 802.11g Wireless Broadband Router
- > **TEW-PS1U:** 11Mbps Wireless USB port Multi-Protocol Print Server

ORDERING INFORMATION

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