



TEW-403PI **54Mbps 802.11g Wireless PCI Adapter**

TRENDnet's TEW-403PI 54Mbps Wireless LAN PCI Adapter creates freedom for your desktop PC. This PCI adapter plugs right into computer's PCI bus slot providing wire-free access to networked resources from your wired Local Area Network (LAN) and Internet (via Access Point) or create a network without networking cables. It dynamically shifts between 54 and 1 Mbps for maximum availability and reliability. Complying with 2.4 GHz frequency band IEEE 802.11g draft and 802.11b 11Mbps standards, TRENDnet's TEW-403PI ensures optimal security and performance for your wireless networking environment.



FEATURES

- ...→ Uses 2.4 GHz frequency band, which complies with worldwide requirements
- ...→ 32-bit PCI Bus Specification 2.2
- ...→ Up to 54Mbps connection speed
- ...→ Connects to IEEE 802.11g or 802.11b (11Mbps) wireless devices
- ...→ Dynamically shifts network speed (based on signal strength)
- ...→ 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
- ...→ Stores multiple Wireless Network Profiles
- ...→ Low interference and high susceptibility guarantee reliable performance
- ...→ Enables high data rate multi-media applications such as video streaming transmission
- ...→ 2dBi Detachable antenna with Reverse SMA connector (female SMA)
- ...→ Distance coverage 30 to 100 meters indoor, 100 to 300 meters outdoors
- ...→ 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:**
54Mbps high-speed wireless connection.



TEW-403PI

54Mbps 802.11g Wireless PCI Adapter

SPECIFICATIONS

Interface Type:

- PCI Bus Power Management Specification 2.2

Standards:

- IEEE 802.11b and IEEE 802.11g draft

Antenna:

- 2dBi Dipole Antenna with Reverse SMA connector

Data Rate (auto fallback):

- 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps
- 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps

Module Technique:

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

Media Access Protocol:

- CSMA/CA with ACK

Frequency:

- 2.4 to 2.497 GHz (Industrial Scientific Medical Band)

LED Indicator:

- ACT (Activity)

Output Power:

- 15dBm (typical)

Receiving Sensitivity:

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

Channels:

- 11 Channels (US/Canada)
- 13 Channels (EU)

Power Consumption:

- Operating mode: 3.3VDC (TX: 550mA, RX: 350mA)
- Sleep mode: 3.3VDC (TX: 225mA, RX: (disabled) <10mA)

Dimensions (LxWxH):

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

Weight:

- 130g (4.5 oz.) with antenna

Temperature:

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

Humidity:

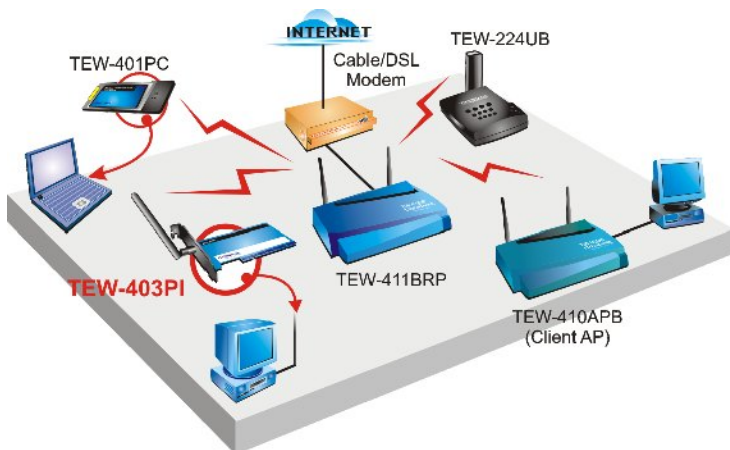
- 95% max. (Non-condensing)

Certification:

- FCC, CE



NETWORKING SOLUTIONS



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

PRODUCT INFORMATION

- > **TEW-401PC:** 54Mbps 802.11g Wireless PC Card
- > **TEW-403PI:** 54Mbps 802.11g Wireless PCI Network Adapter
- > **TEW-410APB:** 54Mbps 802.11g Wireless Access Point + Bridge + Repeater
- > **TEW-411BRP:** 54Mbps 802.11g Wireless Broadband Router + Access Point + Bridge
- > **TEW-PS3:** 3-Port (Parallel) 802.11b Wireless Ethernet Print Server
- > **TEW-PS1U:** 11Mbps Wireless USB port Multi-Protocol Print Server

ORDERING INFORMATION

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