



TEW-223PI **11Mbps Wireless PCI Network Adapter**

TRENDnet's TEW-223PI 11Mbps Wireless LAN PCI Adapter is a powerful 32-bit adapter that installs right into your computer's PCI Bus Slot (PCI specification 2.2), providing wire-free access to networked resources on your LAN and the Internet. An optional high-gain antenna can be attached to the adapter via a reverse SMA connector to improve signal quality and extend the connection distance. It dynamically shifts between 11, 5.5, 2, and 1 Mbps for maximum availability and reliability. Complying with 2.4 GHz frequency band and IEEE 802.11b standard, TRENDnet's TEW-223PI ensures great security and performance for your wireless networking environment.



FEATURES

- ...→ Low interference and high susceptibility guarantee reliable performance
- ...→ Wire-Free access to networked resources for desktop PC
- ...→ Uses 2.4 GHz frequency band (DSSS), which complies with world wide requirements
- ...→ Dynamically shifts between 11, 5.5, 2, and 1 Mbps network speed, based on signal strength, for maximum availability and reliability of connection
- ...→ Diagnostic LED indicators
- ...→ Reverse SMA Antenna Connector
- ...→ Supports Windows 98/2000/ME/XP
- ...→ Ensures great security by providing the 64-bit and 128-bit Wired Equivalent Privacy (WEP) defined in IEEE 802.11b standard
- ...→ 3-Year Warranty

BENEFITS

- ...→ **Integration Friendly:**
Drivers support most popular Network Operating Systems.
- ...→ **Economical:**
Save time, labor and material for network cable installation.
- ...→ **Flexible:**
Creates wireless peer-to-peer network in Ad-Hoc mode or connects to Ethernet LAN in Infrastructure mode using wireless Access Point.
- ...→ **Cost Effective:**
Supports IEEE 802.11b wireless standard; users can connect to any IEEE 802.11b wireless network.
- ...→ **Performance:**
Connects at a speed of up to 11Mbps, wirelessly!

TEW-223PI

11Mbps Wireless PCI Network Adapter

SPECIFICATIONS

Interface Type:

- PCI Bus Power Management Specification 2.2

Standards:

- IEEE 802.11b WLAN Standard

Antenna:

- 2dBi Dipole antenna with reverse SMA connector

Data Rate:

- 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps

Media Access Protocol:

- CSMA/CA with ACK

Module Technique:

- Direct Sequence Spread Spectrum (DSSS), CCK, DQPSK, DBPSK

Frequency:

- 2.4 to 2.4835 GHz (Industrial Scientific Medical Band)

LED Indicator:

- Link/Act

Output Power:

- 15dBm (typical)

Receiving Sensitivity:

- -82dBm @11Mbps with 10-5 Bit Error Rate (BER) (typical)

Channels:

- 11 Channels (US & Canada)

Power Consumption:

- 3.3V, 350mA (Max.)

Dimensions:

- 127 x 47 x 14 mm (5 x 1.85 x 0.55 inches) (without the metal bracket)

Weight:

- Appr. 42.5 grams (1.5 Oz.) with antenna

Temperature:

- Operating: 0°~65°C (32°~149°F)
- Storage: -20°~75°C (-4°~167°F)

Humidity:

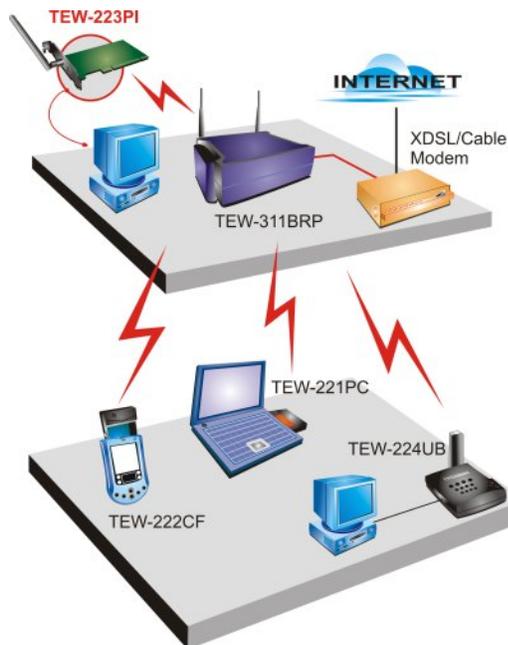
- 95% max. (Non-condensing)

Certification:

- FCC Part 15 in US, EN300328 and EN300826 in Europe



NETWORKING SOLUTIONS



PRODUCT INFORMATION

- > **TEW-221PC:** 11Mbps Wireless CardBus PCMCIA Network Adapter
- > **TEW-223PI:** 11Mbps Wireless PCI Network Adapter
- > **TEW-224UB:** 11Mbps Wireless USB Network Adapter
- > **TEW-303PI:** 22/11Mbps Wireless PCI Network Adapter
- > **TEW-310APB:** 22/11Mbps Wireless Access Point + Bridge
- > **TEW-311BRP:** 22/11Mbps Wireless Broadband Router + Access Point
- > **TEW-PS3:** 3-port Wireless Ethernet Print Server

ORDERING INFORMATION

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