WIRELESS

TEW-228PI
11Mbps Wireless LAN PCI Adapter

TRENDnet's TEW-228PI 11Mbps Wireless LAN PCI Adapter creates freedom for your Desktop PC. This PCI Adapter installs right into your PCI Bus Slot providing wire-free access to networked resources from your LAN and Internet or create a network without networking cables. It dynamically shifts between 11, 5.5, 2, and 1 Mbps for maximum availability and reliability. Complying with 2.4 GHz IEEE 802.11b standard, TRENDnet's TEW-228PI 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

- 32-bit PCI Local Bus Rev. 2.2 interface

- Wi-Fi compatible

- Uses 2.4 GHz frequency band (DSSS), which complies with worldwide 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

- Male Reverse SMA connector for detachable external Antenna

- Supports Windows 98SE/2000/ME/XP

- Ensures great security by providing the 64-bit and 128-bit Wired Equivalent Privacy (WEP)

- Distance coverage 35 to100 meters indoor, 100 to 300 meters outdoors (depends on the environment)

- 3-Year Warranty

BENEFITS

- **Integration Friendly:**
  Drivers support Windows Network Operating Systems.

- **Flexible:**
  User can connect to wired or wireless LAN without exchanging card or reconfiguring network settings.

- **Cost Effective:**
  Save money from buying separate network cards for different types of network.

- **Performance:**
  Connects at a speed up to 11Mbps for Wireless LAN, 10/100Mbps for Wired LAN.

SPECIFICATIONS

Interface Type:
• PCI Bus Specification 2.2

Standards:
• IEEE 802.11b WLAN Standard

Antenna:
• 2dBi detachable antenna with female 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 ~ 2.497GHz (Industrial Scientific Medical Band)

LED Indicator:
• Power, Link

Transmit Power:
• 15 dBm (typical)

Receiving Sensitivity:
• 11Mbps: -80dBm @ 8% PER
• 2Mbps: -87dBm @ 8% PER

Channels:
• 11 Channels (US), 13 Channels (EU)

Power Consumption:
• PCI 3.3V
• Receiving: 250mA
• Transmitting: 450mA

Dimensions:
• 133 x 121 x 21.6 mm (5.24 x 4.73 x 0.85 inch)

Weight:
• 56.7 grams (2 Oz.) without antenna

Temperature:
• Operating: 0° ~ 55°C (32° ~ 131°F)
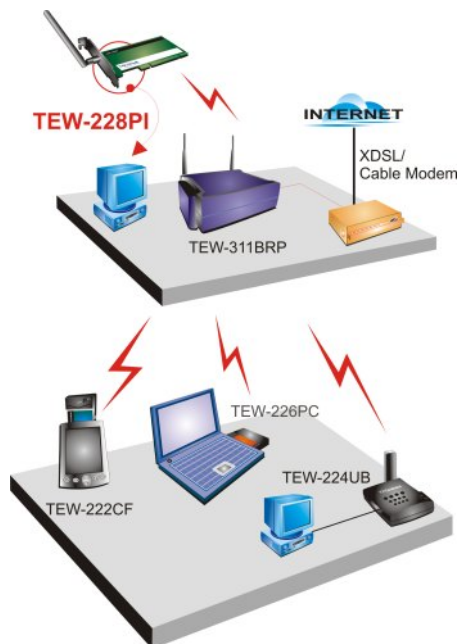• Storage: -20° ~ 75°C (-4° ~ 167°F)

Humidity:
• 10% ~ 95% (Non-condensing)

Certification:
• FCC Part 15.247(US), EST 300328 (Europe), ARIB STD-T66 (Japan)

NETWORKING SOLUTIONS

PRODUCT INFORMATION

TEW-226PC: 11Mbps Wireless LAN CardBus PC Card

TEW-228PI: 11Mbps Wireless LAN PCI Adapter

TEW-224UB: 11Mbps Wireless USB Network Adapter

TEW-310APB: 22Mbps Wireless AP+AP Client+Bridge

TEW-311BRP: 22Mbps Wireless Broadband Router + Access Point

ORDERING INFORMATION

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