



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 to 100 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.



TEW-228PI

11Mbps Wireless LAN PCI Adapter

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:

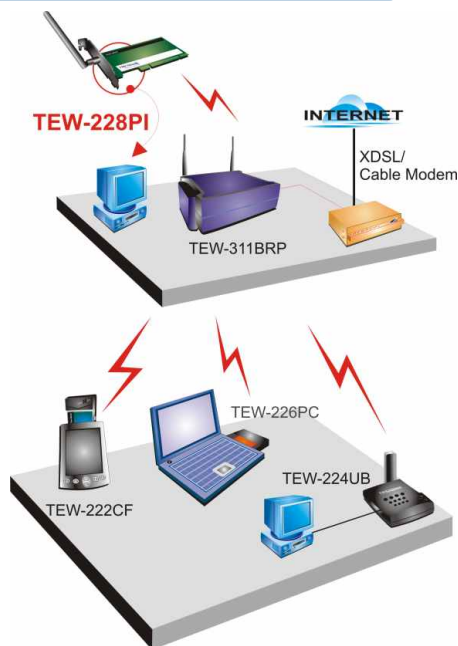
- 10% ~ 95% (Non-condensing)

Certification:

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



NETWORKING SOLUTIONS



PRODUCT INFORMATION

- **TEW-228PI:**
11Mbps Wireless LAN PCI Adapter
- **TEW-222CF:**
11Mbps Wireless CompactFlash Network Adapter
- **TEW-224UB:**
1Mbps Wireless USB Network Adapter
- **TEW-226PC:**
11Mbps Wireless CardBus PC Card
- **TEW-310PAB:**
22Mbps Wireless AP + AP Client + Bridge
- **TEW-311BRP:**
22Mbps Wireless Broadband Router + Access Point

ORDERING INFORMATION

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