



TEW-227PC **802.11b Wireless + 10/100Mbps Fast Ethernet Combo PC Card**

TRENDnet's TEW-227PC 802.11b Wireless + 10/100Mbps Fast Ethernet Combo PC Card is the ultimate solution for connecting to wired or wireless networks with your Notebook computer. It complies with IEEE 802.11b Wireless LAN, IEEE 802.3u Fast Ethernet, and PCMCIA CardBus Type II standards. The TEW-227PC comes with 802.11b 11Mbps wireless module and auto-sensing 10/100Mbps RJ-45 port; user can select to network to wireless clients, wireless Access Point/Router or connect to wired Ethernet/Fast Ethernet network with Cat.5 cable. TRENDnet's TEW-227PC provides maximum reliability, throughput, and flexibility for today's network.



FEATURES

- Supports IEEE 802.11b 11Mbps wireless and 10/100Mbps RJ-45 Fast Ethernet networks
- Low power consumption with simple user setup & diagnostics utilities
- PCMCIA CardBus Type II Interface; supports hot swap and true plug-and-play
- Dynamically shifts between 11, 5.5, 2, and 1 Mbps wireless network speed, based on signal strength
- 10/100Mbps Auto-Negotiation half/full-duplex operation for wired Fast Ethernet connection
- Integrated microstrip dual diversity antennas
- Build-in 4K bytes RAM data buffer
- 64/128-bit Wired Equivalent Privacy (WEP) for wireless mode
- Supports Windows 98SE/2000/ME/XP
- 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-227PC

802.11b Wireless + 10/100Mbps Fast Ethernet Combo PC Card

SPECIFICATIONS

Wireless LAN Interface

Interface Type:

- 32-bit CardBus Type II card

Standards:

- IEEE 802.11b WLAN Standard

Antenna:

- Integrated Microstrip dual diversity antennas

Data Rate (auto fallback):

- 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)

Transmit Power:

- 15 dBm (typical)

Receiving Sensitivity:

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

Channels:

- 11 Channels (US)

Wired LAN Interface

Standard:

- IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 Auto-Negotiation

Data Transfer Rate:

- 10/100Mbps, half/full-duplex auto-negotiation

Media Connector:

- 1 x UTP/STP RJ-45

Cabling:

- Cat.5 UTP/STP RJ-45 Cable (100 meters max.)

LED Indicator:

- WLAN, LAN

Power Consumption:

- Receiving: 250mA (receiving)
- Transmitting: 450mA

Dimensions (W x H x D):

- 120 x 54 x 16 mm (4.7 x 2.1 x 0.6 inch)

Weight:

- 45.4 grams (1.6 oz.)

Temperature:

- Operating: 0° ~ 40°C (32° ~ 104 °F)
- Storage: -10° ~ 70°C (14° ~ 158°F)

Humidity:

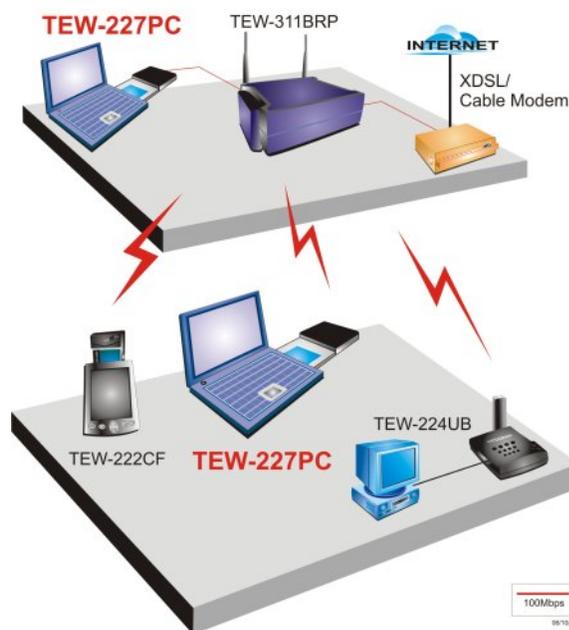
- 10% ~ 90% (Non-condensing)

Certification:

- FCC, CE



NETWORKING SOLUTIONS



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

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

TRENDware International, Inc.

3135 Kashiwa Street
Torrance, CA. 90505. USA
Tel: 310-891-1100
Fax: 310-891-1111
Web: www.TRENDNET.com
Email: sales@trendware.com

