



TEW-221PC **11Mbps Wireless CardBus PCMCIA Network Adapter**

TRENDnet's TEW-221PC 11Mbps Wireless CardBus PCMCIA Network Adapter complies with IEEE 802.11b for 2.4Ghz Wireless LAN and PCMCIA CardBus standards. TEW-221PC allows you to take full advantage of your PC's mobility with secure access to real-time information and online services anytime and anywhere. With the wireless technology, users can set up a Local Area Network without the trouble of installing wires. Also, TRENDnet's TEW-221PC with TRENDnet's Wireless Access Point, wireless stations can connect to the existing wired Ethernet network with coverage up to 300meters!



FEATURES

- > Low interference and high susceptibility guarantee reliable performance
- > Low power consumption and easy configurations
- > PCMCIA CardBus interface; supports hot swap and true plug-and-play.
- > Dynamically shifts between 11, 5.5, 2 and 1 Mbps network speed (based on signal strength), for maximum availability and reliability of connection
- > Allows users to move between Access Points without resetting their connection reconfiguration.
- > Build in Diversity Antenna with LEDs indicating Link status
- > Uses 2.4 GHz frequency band, which complies with worldwide requirement
- > Supports Ad-Hoc (peer-to-peer) mode and Infrastructure mode wireless network architectures
- > Provides drivers support for Windows 98/ME/2000/XP
- > Ensures great security by providing 64/128-bit Wired Equivalent Privacy (WEP)
- > Distance coverage 30 to 100 meters indoor, 100 to 300 meters outdoors
- > 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 standard; connects to any IEEE 802.11b wireless network.
- > **Performance:**
Connects at a speed up to 11Mbps, wirelessly!

TEW-221PC

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SPECIFICATIONS

Adapter Type:

- 32-bit CardBus PCMCIA

Standards:

- IEEE 802.11b

Data Rate:

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

Module Technique:

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

Antenna:

- Build-in diversity antenna

Media Access Protocol:

- CSMA/CA with ACK

LED Indicator:

- Link, Act

Frequency:

- 2.412 to 2.4835GHz (Industrial Scientific Medical Band)

Output Power:

- 15dBm (typical), 17dBm (max)

Receiving Sensitivity:

- 10 – 5 BER;
- -83 dBm @ 11Mbps,
- -86 dBm @ 5.5Mbps,
- -89 dBm @ 2Mbps,
- -90 dBm @ 1Mbps

Power Consumption:

- +3.3VDC (TX: 450mA, RX: 300mA)

Channels:

- 11 Channels (US/Canada)

Dimensions:

- 119 x 53.94 x 6.88 mm
(4.69 x 2.12 x 0.27 inch)

Weight:

- 40g (1.4 oz.)

Temperature:

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

Humidity:

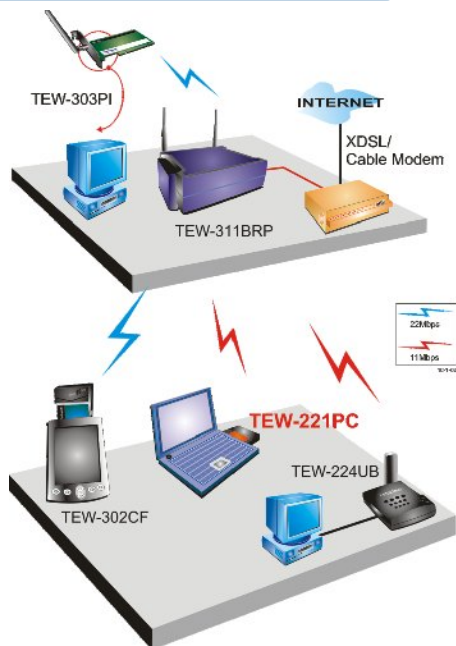
- Max. 95% (Non-condensing)

Certification:

- FCC, CE, exponential



NETWORKING SOLUTIONS



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

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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