



## TEW-2K1 11Mbps 802.11b Wireless Router / PC Card Kit

TRENDnet's TEW-2K1 is an All-in-One Wireless Internet Sharing Solution. This 802.11b 11Mbps Wireless Network Kit includes a TEW-231BRP Wireless Access Point, Internet Router, 4-Port 10/100Mbps Switch, and a TEW-226PC Wireless PC Card. To get your Notebook connected to the network quickly and easily, just plug the PC Card into your Notebook's PC Card slot. The Wireless Router lets you securely share your DSL or Cable Modem broadband Internet connection with both wired and wireless computers. The TEW-2K1 is the perfect wireless networking solution for home or for the office.



### FEATURES

#### TEW-231BRP

- Compliant with IEEE 802.11b Wireless, IEEE 802.3u Standards
- Built-in 4-Port 10/100Mbps Switch with support for up to 253 users
- One 10/100Mbps WAN Port for Cable/xDSL Modem connection
- Dynamic Data Rate Shift at speeds 11, 5.5, 2, and 1 Mbps
- Provides 64/128-bit Wired Equivalent Privacy (WEP)
- Supports Dynamic IP, Static IP, PPPoE, or PPTP connection
- Supports NAT Firewall Protection, Virtual Server, and DMZ
- Supports IP, MAC Address, and Special Application Filter
- Flash Memory for Firmware Upgrade & Easy Web Configuration
- Range of up to 50 to 100 meters indoors, 100 to 500 meters outdoors
- 3-year Warranty

#### TEW-226PC

- Compliant with IEEE 802.11b 11Mbps Wireless LAN Standard
- Supports hot swap and true plug-and-play
- Uses 2.4 GHz frequency band and is Wi-Fi compatible
- Dynamic Data Rate Shift at speeds 11, 5.5, 2, and 1 Mbps
- Provides 64/128-bit Wired Equivalent Privacy (WEP)
- Integrated 2dBi microstrip antenna
- Supports Ad-Hoc (peer-to-peer) or Infrastructure mode
- Drivers support Windows 98SE/ME/2000/XP
- Low power consumption and easy configuration
- Range of up to 100 meters indoors and up to 300 meters outdoors
- 3-year Warranty

### BENEFITS

- Easy Integration:** All-in-One solution includes a Broadband Router, Access Point, 4-port 10/100Mbps Switch, and a Wireless PC Card for Notebooks. Share your broadband Internet connection with wireless and wired Ethernet clients.
- Cost-Effectiveness:** NAT firewall protection keeps hackers out. 64/128-bit WEP and MAC Address Access Control protect AP from unauthorized access.
- Security:** Saves time, labor, and money by eliminating the need for network cable installation. Allows you to take full advantage of your laptop PC's mobility with access to real-time information and online services anytime and anywhere.
- Performance:** Experience high-speed wireless Internet access immediately.

# TEW-2K1 11Mbps 802.11b Wireless Router / PC Card Kit

## SPECIFICATIONS

### TEW-231BRP

#### Standards:

- IEEE 802.11b Wireless LAN, IEEE 802.3, IEEE 802.3u and ANSI/IEEE 802.3 Auto-Negotiation

#### Protocols:

- DHCP (Client and Server), TCP/IP, NAT, PPPoE, PPTP, SNTIP and HTTP

#### Module Technique:

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

#### Channel:

- 1~11 Channel

#### Wireless Data Rate:

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

#### Frequency Range:

- 2.4 ~ 2.497 GHz

#### Security:

- 64/128-bit WEP Encryption

#### Antenna:

- 2 x Detachable 2dBi Antenna with Reverse SMA connector

#### Output Power:

- 13 dBm (max.)

#### Receiving Sensitivity:

- 11Mbps: 10-5 BER @ -83 dBm (min.)
- 2Mbps: 10-5BER @ -84 dBm (min.)

#### Local Port:

- 4 UTP/STP 10/100Mbps Auto-MDIX ports

#### WAN Port:

- 1 UTP/STP 10/100Mbps Auto-MDIX port

#### Throughput:

- 83Mbps (LAN to WAN), 5.05Mbps (LAN to WLAN)

#### Flash Memory/RAM:

- 8M/8M

#### LED Indicators:

- Unit: Power, System
- LAN Port: LINK/ACT, Speed
- WAN Port: LINK/ACT, Speed
- WLAN: ACT

#### Power:

- 7V DC, 1A External Power Adapter

#### Dimensions:

- 171 x 100 x 34 mm (6.73 x 3.93 x 1.3 inch), without Antenna

#### Weight:

- appr. 272g. ( 9.6oz.)

#### Temperature:

- Operating: 0° ~ 55°C (32°F~131°F)
- Storage: -25° ~ 70°C (-13°F~158°F)

#### Humidity:

- 10% ~ 95% RH (non-condensing)

#### Certification:

- FCC, CE



### TEW-226PC

#### Standards:

- IEEE 802.11b, and 32-bit CardBus Type II interface

#### Protocols:

- DHCP Client, TCP/IP, PPPoE, PPTP, SNTIP, & HTTP

#### Module Technique:

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

#### Channel:

- 1~11 Channel

#### Wireless Data Rate:

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

#### Frequency Range:

- 2.4 ~ 2.497 GHz

#### Security:

- 64/128-bit WEP Encryption

#### Antenna:

- Integrated 2dBi microstrip antenna

#### Receiving Sensitivity:

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

#### LED Indicators:

- Power, link

#### Power:

- Interface Power; Receiving: 250mA, Transmitting: 450mA;

#### Dimensions:

- 100 x 54 x 5 mm (3.9 x 2.12 x 0.2 inch)

#### Weight:

- Appr. 35g (1.2 oz.)

#### Temperature:

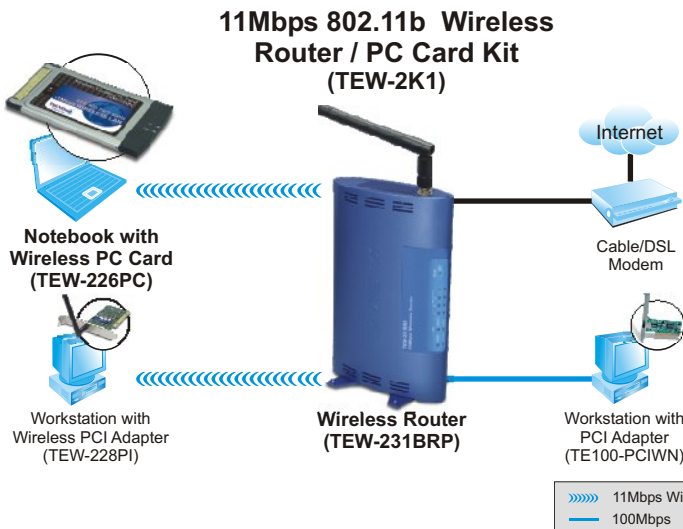
- Operating: 0° ~ 55° C (32° ~ 131° F)
- Storage: -20° ~ 75° C (-4° ~ 167° F)
- 10% ~ 95% RH (non-condensing)

#### Certification:

- FCC, CE



## NETWORKING SOLUTIONS



## PRODUCT INFORMATION

- ➔ **TEW-2K1:**  
802.11b Wireless Router / PC Card Kit (TEW-231BRP + TEW-226PC)
- ➔ **TEW-231BRP:**  
Cable/DSL 802.11b 11Mbps Wireless Router
- ➔ **TEW-226PC:**  
11Mbps Wireless PC Card
- ➔ **TEW-228PI:**  
11Mbps Wireless PCI Adapter
- ➔ **TEW-229UB:**  
11Mbps Wireless USB LAN Adapter
- ➔ **TEW-222CF:**  
11Mbps Compact Flash Adapter
- ➔ **TEW-P1U:**  
Wireless Print Server with 1 USB Port

## ORDERING INFORMATION

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