



## 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

- IEEE 802.11b Wireless, IEEE 802.3 Fast Ethernet Standards Compliant
- 4-Port 10/100Mbps Auto-Sensing, Auto-MDIX Switch for Sharing Internet Connection for up to 253 Users
- 1-Port 10/100Mbps Auto-MDIX WAN Port
- Dynamic Data Rate Shift at 11, 5.5, 2 and 1Mbps
- Supports 64/128-bit Wired Equivalent Privacy (WEP)
- Supports Cable/xDSL Modem (Dynamic IP, Static IP, PPPoE, PPTP)
- Supports NAT Firewall Protection
- Supports Virtual Server (10 entry) and DMZ (1 entry)
- Internet Access with IP Address (10 entry), MAC Address and Special Application Filter.
- Supports UPnP (Universal Plug & Play)
- Supports IPsec and PPTP Pass Through VPN (when each VPN client connects to a different VPN endpoint)
- Easy Configuration Using Web Browser
- Flash Memory for Firmware Upgrade
- One Detachable 2dBi Antennas with Female Reverse SMA Connector
- Range of 50 to 100 meters indoor, 100 to 500 meters outdoor (depends on the environment)
- 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 configurations
- Coverage range of up to 100 meters indoor and up to 300 meters outdoor
- 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

**Protocol:**

- DHCP, TCP/IP, NAT, PPPoE, PPTP, SNTP, & HTTP

**Data Rate:**

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

**Module Technique:**

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

**Channel:**

- 1~11 Channel (USA)

**Frequency Range:**

- 2.4 ~ 2.497 GHz

**Security:**

- 64/128-bit WEP Encryption

**Antenna:**

- 2 x Detachable 2dBi Antenna with Reverse SMA connector

**Media Access Protocol:**

- CSMA/CA with ACK

**LED Indicators:**

- Unit: Power, System
- LAN Port: LINK/ACT, Speed
- WAN Port: LINK/ACT, Speed
- WLAN: ACT
- 2Mbps: 10-5BER @ -84 dBm (min.)

**Power:**

- 7V DC, 1A External Power Adapter

**Power Output:**

- 13 dBm (max.)

**Receiving Sensitivity:**

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

**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, SNTP, & HTTP

**Data Rate:**

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

**Module Technique:**

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

**Channel:**

- 1~11 Channel (USA)

**Frequency Range:**

- 2.4 ~ 2.497 GHz

**Security:**

- 64/128-bit WEP Encryption

**Antenna:**

- Integrated 2dBi microstrip antenna

**Media Access Protocol:**

- CSMA/CA with ACK

**Receiving Sensitivity:**

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

**LED Indicators:**

- Power, Link

**Power:**

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

**Power output:**

- 15 dBm (typical)

**Dimensions:**

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

**Weight:**

- Appr. 35g (1.2 oz.)

**Temperature:**

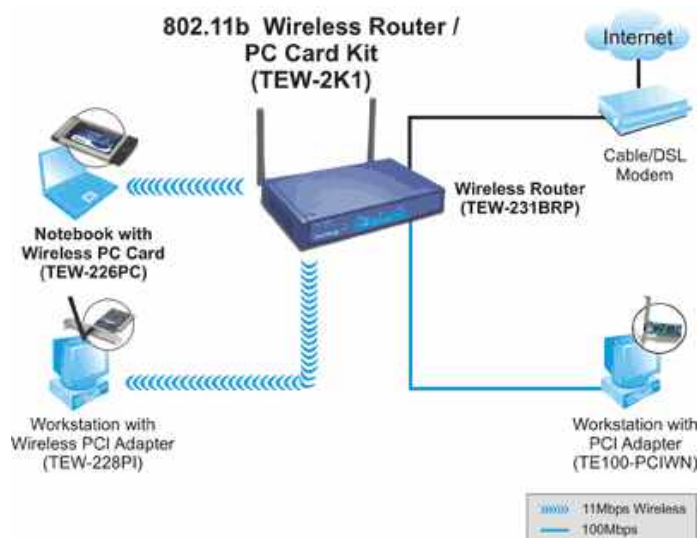
- Operating: 0° ~ 55° C (32° ~ 131° F)
- Storage: -20° ~ 75° C (-4° ~ 167° F)
- 10% ~ 95% RH (non-condensing)

**Certification:**

- FCC, CE



### NETWORKING SOLUTIONS



### RELATED PRODUCT

- ➔ **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

**TRENDware International, Inc.**

3135 Kashiwa Street  
Torrance, CA. 90505. USA

Tel: 310-891-1100

Fax: 310-891-1111

Web: [www.TRENDNET.com](http://www.TRENDNET.com)

Email: [sales@trendware.com](mailto:sales@trendware.com)



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