



TEW-224UB **11Mbps Wireless USB Network Adapter**

TRENDnet's TEW-224UB 11Mbps Wireless USB Network Adapter is the latest USB device for wireless network applications. Complying with IEEE 802.11b standard, this USB Wireless Adapter implements four high-extensive data rates of 1, 2, 5.5 and 11Mbps with automatic rate selection for fast and reliable wireless data communication. Designed for desktop PC's and Laptops with USB support, TRENDnet's TEW-224UB is fully mobile and roams seamlessly from Access Point to Access Point. This adapter allows users to create a wireless Local Area Network or connect to the wired Ethernet network at home or at the office with coverage up to 300 meters!



Features

- ... Low interference and high susceptibility guarantee reliable performance
- ... Low power consumption and easy configurations
- ... Dynamically shifts between 11, 5.5, 2 and 1Mbps 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.
- ... Sleeved Dipole 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 network architecture
- ... Provides drivers support for Windows 98SE/ME/2000/XP
- ... Ensures great security by providing 64/128-bit Wired Equivalent Privacy (WEP) defined in the IEEE 802.11b standard
- ... Distance coverage 30 to 100 meters indoor, 100 to 300 meters outdoors
- ... 3-years Warranty

Benefits

- ... **Integration Friendly:**
Easy installation with plug-and-play and Hot-Swappable USB interface.
- ... **Economical:**
With Wireless network, users can 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 wireless standard, user can connect to any IEEE 802.11b wireless network.
- ... **Performance:**
Connects at a speed up to 11Mbps, wirelessly!

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SPECIFICATIONS

Host Interface:

- USB Specification 1.1

Standards:

- IEEE 802.11b

Data Rate:

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

Module Technique:

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

Antenna:

- Sleeved Dipole Antenna (rotating angle 0° ~ 90°)

Media Access Protocol:

- CSMA/CA with ACK LED Indicator: Power, RX, and TX

Frequency:

- 2.412 to 2.4835GHz (Industrial Scientific Medical Band)

Output Power:

- 16dBm (typical)

Receiving Sensitivity:

- 10 – 5 BER; -82 dBm @ 11Mbps, -87 dBm @ 5.5Mbps, -87 dBm @ 2Mbps, -92 dBm @ 1Mbps

Power Consumption:

- +5VDC (TX: 450mA, RX: 300mA)
Channels: 11 Channels (US/Canada)

Dimensions:

- 108 x 63 x 21 mm (4.25 x 2.48 x 0.83 inch)

Weight:

- 71g (2.5oz.)

Temperature:

- Operating: 0° ~ 60° C (32° ~ 140° F)
• Storage: -20° ~ 65° C (-4° ~ 149° F)

Humidity:

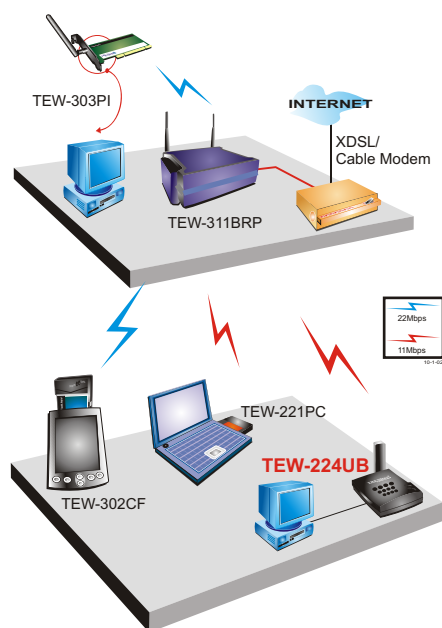
- Max. 95% (Non-condensing)

Certification:

- FCC, CE



NETWORKING SOLUTIONS



RELATED PRODUCT

- ➡➡➡ **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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