AC1200 Dual Band Wireless USB Adapter
TEW-805UB (v1.0R)

TRENDnet’s AC1200 Dual Band Wireless USB Adapter, model TEW-805UB, connects a laptop or desktop computer to a revolutionary Wireless AC network. Connect to a Wireless AC network at an amazing 867 Mbps or to a Wireless N network at up to 300 Mbps. A SuperSpeed 5 Gbps USB 3.0 port maintains a high speed connection to your computer.

Quickly connect to a Wireless AC or N network at the touch of a button with the convenience of one-touch Wi-Fi Protected Setup (WPS). An LED on the front of the adapter conveys device status. Upgrade your computer’s wireless connection to experience the speed of revolutionary Wireless AC.

**PRODUCT OVERVIEW**

- Upgrade your computer to revolutionary 867 Mbps Wireless AC
- Connect to a Wireless N network at up to 300 Mbps
- 5 Gbps USB 3.0 connection to computer
- Powered by the computer’s USB port
- One-touch connection to router with Wi-Fi Protected Setup (WPS)

**FEATURES**

- Wi-Fi compliant with IEEE 802.11ac and 802.11n standards
- High-speed data rates up to 867 Mbps with 802.11ac technology and 300 Mbps with 802.11n technology
- USB 3.0 connector
- LED indicator
- Backwards compatible with IEEE 802.11g, IEEE 802.11b, and IEEE 802.11a networks
- Compatible with Windows 8 (32/64-bit), 7 (32/64-bit), Vista (32/64-bit), and XP (32/64-bit) operating systems
- One-touch network connection with Wi-Fi Protected Setup (WPS) button
- Dynamic Data Rate Scaling from 867 Mbps to 1 Mbps
- Supports advanced wireless encryption up to WPA2-RADIUS
- Easy user setup and diagnostic utilities
- Coverage of up to 100 meters indoor (330 feet) and 300 meters outdoor (980 feet)*
- 3-year limited warranty

* Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.
### SPECIFICATIONS

#### HARDWARE

| **Interface** | • USB 3.0, 2.0, 1.1 standard |
| **Standards** | • IEEE 802.11a, IEEE 802.11ac (draft), IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n |
| **WPS Button** | • Enables WPS connection |
| **Power Consumption** | • Receive mode: 167 mA (max.)<br>• Transmit mode: 224 mA (max) |
| **Supported OS** | • Windows® 8.1, 7, Vista, XP<br>• Mac OS® 10.4-10.8 |
| **Dimensions (L x W x H)** | • 80 x 27 x 12 mm (3.1 x 1 x 0.5 in.) |
| **Weight** | • 20 g (0.7 oz) |
| **Temperature** | • Operating: 0° ~ 40° C (32° ~ 104° F)<br>• Storage: -10° ~ 70° C (14° ~ 158° F) |
| **Humidity** | • Max 95% (non-condensing) |
| **Certifications** | • CE, FCC |

#### WIRELESS

| **Modulation** | • DBPSK / DQPSK / CCK / OFDM (BPSK / QPSK / 16-QAM / 64-QAM / 128-QAM / 256-QAM) |
| **Antenna** | • 2 internal antennas |
| **Frequency** | • 802.11b/g/n: 2.412 ~ 2.472 GHz<br>• 802.11a/n/ac: 5.150 GHz ~ 5.350 GHz / 5.725 GHz ~ 5.825 GHz (FCC), 5.150 GHz ~ 5.350 GHz / 5.470 GHz ~ 5.725 GHz (ETSI) |
| **Media Access Protocol** | • CSMA/CA with ACK |
| **Data Rate (auto fallback)** | • 802.11a: up to 54 Mbps<br>• 802.11b: up to 11 Mbps<br>• 802.11g: up to 54 Mbps<br>• 802.11n: up to 300 Mbps (for both 2.4 & 5 GHz)<br>• 802.11ac: up to 867 Mbps |
| **Output Power** | • 802.11b: 15 dBm (typical)<br>• 802.11g: 15 dBm (typical)<br>• 802.11n: 15 dBm (typical) (for both 2.4 & 5 GHz)<br>• 802.11a: 15 dBm (typical)<br>• 802.11ac: 12 dBm (typical) |
| **Receiving Sensitivity** | • 802.11b: -76 dBm (typical)<br>• 802.11g: -65 dBm (typical)<br>• 802.11n: -61 dBm (typical)<br>• 802.11a: -65 dBm (typical)<br>• 802.11ac: -51 dBm (typical) |
| **Encryption** | • 64/128-bit WEP, WPA / WPA2-RADIUS, WPA / WPA2-PSK (AES/TKIP) |
| **Channels** | • 2.4 GHz: 1~11 (FCC), 1~13 (ETSI)<br>• 5 GHz: 36, 40, 44, 48, 52, 56, 60, 64, 149, 153, 157, 161, 165 (FCC) 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140 (ETSI) |
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NETWORKING SOLUTIONS

AC1200 Dual Band Wireless USB Adapter
TEW-805UB

- 867 Mbps 5 GHz Wireless AC
- 300 Mbps 2.4 GHz Wireless N

PACKAGE CONTENTS

- TEW-805UB
- CD-ROM (Utility & Driver)
- Multi-Language Quick Installation Guide

RELATED PRODUCTS

- TEW-812DRU AC1750 Dual Band Wireless Router
- TEW-684UB N900 Dual Band Wireless USB Adapter
- TEW-692GR N900 Dual Band Wireless Router

CONTACT INFORMATION

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