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.

Wireless AC: Next generation Wireless AC

Dual Band: Up to 867 Mbps Wireless AC or 300 Mbps Wireless N

Compatible: Connects to standard Wireless N networks

USB 3.0: SuperSpeed 5 Gbps USB 3.0 connection to computer

Coverage: Expanded coverage with MIMO technology

One Touch Connection: Connect to a router at the touch of the Wi-Fi Protected Setup (WPS) button

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.) • Transmit mode: 224 mA (max)
Supported OS	• Windows 8 (32/64-bit), 7 (32/64-bit), Vista (32/64-bit), Windows XP (32/64-bit)
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) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• Max 95% (non-condensing)
Certifications	• CE, FCC

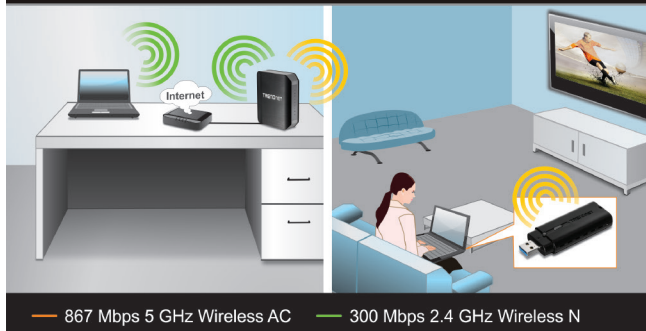| WIRELESS	
Modulation	• DBPSK / DQPSK / CCK / OFDM (BPSK / QPSK / 16-QAM / 64-QAM / 128-QAM / 256-QAM)
Antenna	• 2 internal antennas
Frequency	• 802.11b/g/n: 2.412 ~ 2.472 GHz • 802.11a/n/ac: 5.150 GHz ~ 5.350 GHz / 5.725 GHz ~ 5.825 GHz (FCC), 5.150 GHz ~5.350 GHz / 5.470 GHz ~ 5.725 GHz (ETSI)
Media Access Protocol	• CSMA/CA with ACK
Data Rate (auto fallback)	• 802.11a: up to 54 Mbps • 802.11b: up to 11 Mbps • 802.11g: up to 54 Mbps • 802.11n: up to 300 Mbps (for both 2.4 & 5 GHz) • 802.11ac: up to 867 Mbps
Output Power	• 802.11b: 15 dBm (typical) • 802.11g: 15 dBm (typical) • 802.11n: 15 dBm (typical) (for both 2.4 & 5 GHz) • 802.11a: 15 dBm (typical) • 802.11ac: 12 dBm (typical)
Receiving Sensitivity	• 802.11b: -76 dBm (typical) • 802.11g: -65 dBm (typical) • 802.11n: -61 dBm (typical) • 802.11a: -65 dBm (typical) • 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) • 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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WIRELESS AC1200 DUALBAND

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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