TRENDnet®

Micro AC1200 Wireless USB Adapter

TEW-808UBM (v2.0R)

- Quick and easy setup
- Ultra-compact high speed WiFi AC1200 MU-MIMO adapter
- Upgrade your laptop or desktop to wireless AC
- Dual band support for 2.4GHz and 5GHz WiFi networks
- WMM Quality of Service (QoS) data prioritization
- Supports Windows® and Mac® operating systems

TRENDnet's Micro AC1200 Wireless USB Adapter, model TEW-808UBM, connects a laptop or desktop computer to a high-speed WiFi AC or WiFi N network. Seamlessly stream video, download files, and play games with this ultra-compact MU-MIMO wireless AC adapter. Wi-Fi Multimedia Quality of Service prioritizes important video, audio, and gaming traffic.

WiFi Performance
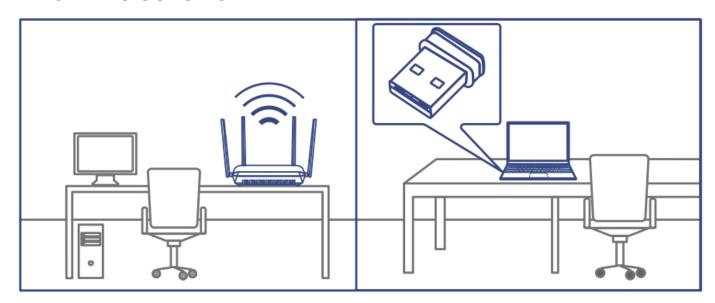Connect your laptop or desktop to a high-speed WiFi AC1200 network to download files, play games, stream video, and more.

Wireless Encryption
Supports up to WPA2 encryption.

Ultra-Compact Design
Micro design length is just 3/8 inch (9mm) exposed.

NETWORKING SOLUTION

Supports MU-MIMO technology

High-speed 802.11ac connectivity

Explicit Beamforming

LED Indicator

USB 2.0

Ultra-Compact Design

FEATURES

Easy Setup
Get up and running in minutes with the intuitive guided setup

AC1200 WiFi
Connect your laptop or desktop to a high-speed WiFi AC1200 network to download files, play games, stream video, and more

Wireless Encryption
Supports up to WPA2 encryption

Ultra-Compact Design
Micro design length is just 3/8 inch (9mm) exposed

Operating Systems
Compatible with Windows® and Mac® operating systems

SPECIFICATIONS

Standards
- IEEE 802.11a
- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.11n (up to 300Mbps)
- IEEE 802.11ac (up to 867Mbps)

Hardware Interface
- USB 2.0
- LED Indicator

Special Features
- High-speed 802.11ac connectivity
- Explicit Beamforming
- Supports MU-MIMO technology

Compatibility
- Windows® 10, 8.1, 8, 7
- Mac OS® 10.9 – 10.12

Data Rate
- 802.11a: up to 54Mbps
- 802.11b: up to 11Mbps
- 802.11g: up to 54Mbps
- 802.11n: up to 300Mbps (2.4GHz & 5GHz)
- 802.11ac: up to 867Mbps

Encryption
- 64/128-bit WEP, WPA / WPA2-Enterprise, WPA / WPA2-PSK (AES/TKIP)

Quality of Service
- WMM

Frequency
- 2.400 – 2.483GHz
- 5.150 – 5.825GHz

Modulation
- 802.11b: CCK, DQPSK, DBPSK
- 802.11a/g: OFDM with BPSK, QPSK and 16/64-QAM
- 802.11n: BPSK, QPSK, 16-QAM, 64-QAM with OFDM
- 802.11ac: OFDM with BPSK, QPSK and 16/64/256-QAM

Antenna
- 2.4GHz / 5GHz: 2 x 1 dBi (max.) dual band internal

Output Power
- 802.11a: 8.5 dBm (max.) @ 54Mbps
- 802.11b: 9.5 dBm (max.) @ 11Mbps
- 802.11g: 8.5 dBm (max.) @ 54Mbps
- 802.11n: 7.5 dBm (max.) (2.4GHz & 5GHz) @ 300Mbps
- 802.11ac: 5.5 dBm (max.) @ 867Mbps

Receiving Sensitivity
- 802.11a: -70 dBm (typical) @ 54Mbps
- 802.11b: -81 dBm (typical) @ 11Mbps
- 802.11g: -70 dBm (typical) @ 54Mbps
- 802.11n (2.4GHz): -68 dBm (typical) @ 300Mbps
- 802.11n (5GHz): -67 dBm (typical) @ 300Mbps
- 802.11ac: -54 dBm (typical) @ 867Mbps

Wireless Channels
- 2.4GHz: FCC: 1-11; ETSI: 1-13
- 5GHz: FCC: 36, 40, 44, 48, 149, 153, 157, 161, 165; ETSI: 36, 40, 44, 48, (52, 56, 60, 64, 100, 104, 108, 112, 116, 132, 136, 140)**

Power
- Consumption: Max. 0.98W

Operating Temperature
- 0° – 40° C (32° – 104° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 20 x 15 x 7mm (0.8 x 0.6 x 0.3 in.)

Weight
- 2g (0.07 oz.)

Certifications
- CE
- FCC

Warranty
- 3 year

Package Contents
- TEW-808UBM
- CD-ROM (Driver & User's Guide)
- Quick Installation Guide