



Micro N150 Wireless & Bluetooth USB Adapter

TBW-108UB (v1.0R)

- Easy setup
- N150: 150Mbps WiFi N
- Bluetooth[®] 4.0 class 1 radio
- Supports up to WPA2 WiFi encryption
- Concurrent Bluetooth and WiFi connectivity
- Ultra-compact design

TRENDnet's Micro N150 Wireless & Bluetooth USB Adapter, model TBW-108UB, simultaneously provides Bluetooth and WiFi connections, allowing you to concurrently connect to a WiFi network and Bluetooth devices. Conveniently download music, videos, and pictures from a wireless internet connection, and then transfer those same files seamlessly to your Bluetooth enabled phone. Enjoy wireless N performance in an ultra-compact design.



Bluetooth 4.0

Transfer files from your computer to and from your Bluetooth enabled phone, while simultaneously connecting to your Bluetooth headset.



Ultra-Compact Design

Ultra-compact design that extends less than three eighths of an inch (9mm) from the edge of a computer.



WiFi Performance

Connect your computer to 150Mbps WiFi N network to browse online, download files, play games, and stream HD video.

Networking Solution



Easy Setup

Quick and easy installation with intuitive guided setup



Wireless Encryption

Supports up to WPA2 WiFi encryption



Stereo Audio

Experience stereo audio with Advanced Audio Distribution Profile (A2DP) support



Ultra-Compact Design

Ultra-compact design that extends less than three eighths of an inch (9mm) from the edge of a computer.



Energy Efficient

Bluetooth Low Energy (BLE) protocol support



Bluetooth Device Compatibility

Backward compatible with legacy Bluetooth® devices.



N150 WiFi

Connect your computer to 150Mbps WiFi N network to browse, download, play, and stream.

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.11b • IEEE 802.11g • IEEE 802.11n • Class I Bluetooth® 4.0 Low Energy (BLE)
Hardware Interface	<ul style="list-style-type: none"> • USB 2.0 • LED Indicator
Special Features	<ul style="list-style-type: none"> • Bluetooth® Low Energy (BLE) • Supports Bluetooth 4.0 Dual Mode: Simultaneous LE and BR/EDR • Class 1 Bluetooth up to 100m (328 ft.) • Cisco Compatible eXtensions (CCX) Support
Frequency	• 2.400 – 2.483GHz
Modulation	<ul style="list-style-type: none"> • 802.11b: DSSS with BPSK, QPSK CCK • 802.11g: OFDM with BPSK, QPSK, 16/64QAM • 802.11n: OFDM with BPSK, QPSK, 16/64QAM
Data Rate	<ul style="list-style-type: none"> • 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 150Mbps • Bluetooth: up to 25Mbps
Antenna	• 2.4GHz: 1 x 1 dBi (max.) internal
Output Power	<ul style="list-style-type: none"> • 802.11b: 17.5 dBm (max.) @ 11Mbps • 802.11g: 15.5 dBm (max.) @ 54Mbps • 802.11n: 13.5 dBm (max.) @ 150Mbps
Receiving Sensitivity	<ul style="list-style-type: none"> • 802.11b: -81 dBm (typical) @ 11Mbps • 802.11g: -67 dBm (typical) @ 54Mbps • 802.11n: -66 dBm (typical) @ 150Mbps

Encryption	• 64/128-bit WEP, WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK
Channels	• 1 – 11 (FCC), 1 – 13 (ETSI)
Power	• Consumption: 0.61W
WiFi Compatibility	<ul style="list-style-type: none"> • Windows® 10, 8.1, 8, 7, Vista, XP • Mac® OS 10.12 - 10.9
Bluetooth Compatibility	• Windows® 10, 8.1, 7
Operating Temperature	• 0° – 40° C (32° – 104° F)
Operating Humidity	• Max. 90% non-condensing
Dimensions	• 19 x 15 x 7mm (0.8 x 0.6 x 0.3 in.)
Weight	• 2g (0.07 oz.)
Certifications	<ul style="list-style-type: none"> • CE • FCC
Warranty	• 3 year

PACKAGE CONTENTS

- TBW-108UB
- CD-ROM (Drivers & User's Guide)
- Quick Installation Guide