



# Micro Bluetooth 5.0 USB Adapter with BR/EDR/BLE

TBW-110UB (v1.0R)

- Class I Bluetooth® 5.0 radio with a 100m (328 ft.) range
- Supports Basic Rate/Enhanced Data Rate (BR/EDR) speeds up to 3Mbps
- Supports Bluetooth Low Energy (BLE) speeds up to 2Mbps
- Backward compatible with Bluetooth 2.0/2.1/3.0/4.2 devices
- Supports Windows® operating systems
- Stereo Audio support
- Ultra-compact design

TRENDnet's Micro Bluetooth 5.0 USB Adapter with BR/EDR/BLE, model TBW-110UB, connects a Windows® computer to Bluetooth® devices, such as keyboards, headsets, and mobile devices. This compact Bluetooth adapter for PC is about the size of a penny, which is great for users who need to take it on the road. Experience reliable class 1 Bluetooth connectivity for distances of up to 100m (328 ft.) with high-quality stereo audio support. This Bluetooth adapter for PC supports Basic Rate/Enhanced Data Rate (BR/EDR) speeds up to 3Mbps, and Bluetooth Low Energy (BLE) speeds up to 2Mbps.





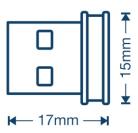
## Bluetooth 5.0

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



## **Stereo Audio**

Experience high-quality stereo audio with Advanced Audio Distribution Profile (A2DP) support.



## **Ultra-Compact Design**

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





## **FEATURES**



### **Easy Setup**

Quick and easy installation with intuitive guided setup



#### Bluetooth 5.0

This Bluetooth 5.0 adapters allows you to transfer files from your computer to and from your Bluetooth enabled phone, while simultaneously connecting you to your Bluetooth headset



#### Stereo Audio

Experience stereo audio using this Bluetooth adapter for PC with Advanced Audio Distribution Profile (A2DP) support



## **Ultra-Compact Design**

Ultra-compact Bluetooth dongle 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 with date rates up to 2Mbps



## **Bluetooth Device Compatibility**

This Bluetooth adapter for PC is backward compatible with legacy Bluetooth devices

## **SPECIFICATIONS**

#### **Standards**

- · Class I Bluetooth® 5.0
- · Backwards compatible

## **Hardware Interface**

• USB 2.0

## **Encryption**

128-bit E0 and AES-CCM

#### Compatibility

• Windows® 10, 8.1, 8, 7

#### **Special Features**

- Supports dual mode BR/EDR
- Class 1 Bluetooth up to 100m (328 ft.)
- Supports Bluetooth® Low Energy (BLE)

#### Frequency

• 2.402 - 2.480GHz

#### **Data Rate**

• Up to 3Mbps

#### **Antenna**

• 1 x 1.2dBi (max.) internal

#### Output Power

• 4.5dBm

### **Receiving Sensitivity**

• -70dBm

#### Power

- · USB bus powered
- · Max consumption: 0.22W

## **Operating Temperature**

• 0° - 40° C (32 – 104° F)

#### **Dimensions**

• 14.9 x 17.4 x 7.1mm (0.58 x 0.68 x 0.28 in.)

#### Weight

• 1.8g (0.06 oz)

#### Warranty

3 years

### **Package Contents**

- TBW-110UB
- Quick Installation Guide
- CD-ROM (Drivers & User's Guide)