



## **TBW-101UB (Version B1)** **Bluetooth USB Adapter**

Venture into the wireless realm with TRENDnet Bluetooth technology. Enhance your PCs with Bluetooth peripherals. Unclutter your workspace with TRENDnet TBW-101 UB of Bluetooth wireless technology.



### **FEATURES**

- ...❖ Compliant with USB 1.1, Bluetooth 1.1 and 1.2 Specification
- ...❖ Uses 2.4GHz ISM frequency band with Gaussian Frequency Shift keying (GFSK) standard
- ...❖ Supports both Asynchronous Connectionless Link (ACL) and Synchronous Connection Oriented (SCO)
- ...❖ High-Speed wireless data transmission, up to 723Kbps Data Throughput in ACL mode, and up to 64 Kbps in SCO mode
- ...❖ Compatible with Windows 98/ME/2000/XP
- ...❖ Built-in 128-bit encryption for secured data communications
- ...❖ Enables computers to connect Bluetooth enabled devices such as printers, PDAs, and mobile phones
- ...❖ Compliant with Class 2 Bluetooth Operations
- ...❖ Communicates wirelessly up to 10 meters (33 ft.)
- ...❖ Automatically synchronize data for all Bluetooth devices in Personal Area Network (PAN)
- ...❖ Trouble-free Plug-n-Play Installation
- ...❖ 2-Year Warranty

### **BENEFITS**

- ...❖ **Integration Friendly:**  
Drivers support Windows Operating Systems
- ...❖ **Economical:**  
Save time, labor, and material for network cable installation
- ...❖ **Flexible:**  
connects PC, Laptop, Cellular Phone and PDA to share data, files and information in Personal Area Network quickly and easily
- ...❖ **Performance:**  
Data Transfer Rate up to 723 Kbps in ACL mode, 64 Kbps in SCO mode



# TBW-101UB (Version B1)

## Bluetooth USB Adapter

### SPECIFICATIONS

#### Hardware

##### Adapter Standards:

- USB 1.1, Bluetooth 1.1 and 1.2

##### Antenna:

- 2dBi (Built-in)

##### Link Mode:

- ACL and SCO Mode

##### Topology:

- Piconet and Scatternet

##### TX Output:

- Class2 Operation

##### Supported OS:

- Windows 98SE/ME/2000/XP with USB Support

##### Cable Length:

- 100 cm / 3.3 ft.

##### LED Indicator:

- power

##### Operating Voltage:

- 5V USB Power

##### Power Consumption :

- 80mA in Active Mode

##### Temperature:

- Operation: 0~ 40C (32F~104 F)
- Storage: -20~ 40C (-4F~104 F)

##### Humidity:

- Max. 90% (non-condensing)

##### Dimensions:

- 56 x 19 x 7 mm ( 2.2 x 0.748 x 0.276 inches )

##### Weights:

- 9 grams (0.3 oz.)

##### Certification:

- FCC & CE



#### Wireless

##### Frequency:

- 2.4 ~ 2.4835 Ghz

##### Module Technique:

- Gaussian Frequency Shift Keying (GFSK)

##### Receiving Sensitivity:

- - 80dBm ( typical )

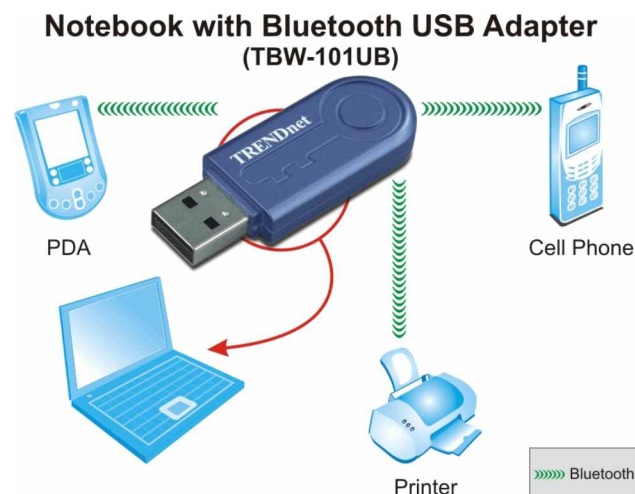
##### Data Rate:

- Up to 723Kbps in ACL mode, up to 64Kbps in SCO mode

##### Date Range:

- Up to 10m (33 ft.)

### NETWORKING SOLUTIONS



**To Order Please Call:**  
**1-888-326-6061**

### RELATED PRODUCT

→ **TBW-102UB :**  
High-Power Wireless Bluetooth USB Adapter

### ORDERING INFORMATION

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