



## N150 Micro Wireless USB Adapter TEW-648UBM (V1.0R)

The N150 Micro Wireless USB Adapter (model TEW-648UBM) quickly connects a laptop or desktop computer to a high speed wireless n network.

Enjoy proven wireless n speed and reliability, in a micro design that extends less than three eighths of an inch (9mm) from the edge of a computer.

Connecting to a network is made easy with the external one-touch Wi-Fi Protected Setup (WPS) button. Advanced wireless encryption protects your valuable data. Wi-Fi Multimedia (WMM) Quality of Service (QoS) prioritizes important video, audio, and gaming traffic. Seamlessly stream video, download files, and play games with this ultra compact wireless n adapter.

### Features

- 1 x USB 2.0 connector
- Ultra compact form factor
- Wi-Fi compliant with IEEE 802.11n standard
- One-touch wireless connection with external Wi-Fi Protected Setup (WPS) button
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- Maximum reliability, throughput, and connectivity with automatic data rate switching
- Supports 64/128-bit WEP, WPA/WPA2-RADIUS, and WPA-PSK/WPA2-PSK
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Easy user setup and intuitive diagnostic utility
- Coverage of up to 30 meters indoor (98feet) and 50 meters outdoor (164 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.

# N150 Micro Wireless USB Adapter

TEW-648UBM (V1.0R)

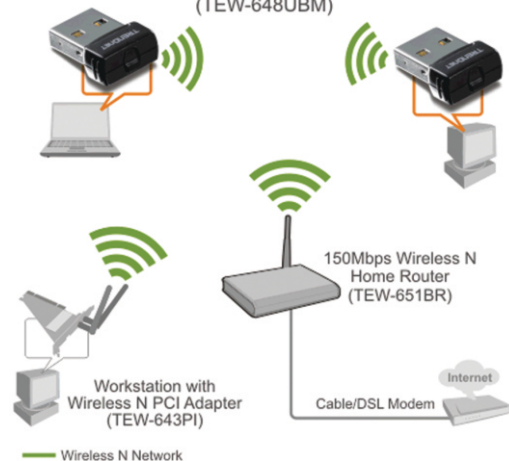
## SPECIFICATIONS

Hardware	
Interface	• USB 2.0
Standards	• IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n (draft 2.0)
Button	• WPS button: enables quick wireless connection with WPS function
Power Consumption	• Receive mode: 100mA (max.) • Transmit mode : 210mA (max)
Supported OS	• Windows® 8, 7, Vista, XP • Mac OS® 10.4-10.8
Dimensions (LxWxH)	• 20 x 15 x 7 mm (0.8 x 0.6 x 0.3 in.)
Weight	• 1 g (0.03 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	• OFDM, DSSS
Antenna	• Built-in on board antenna
Frequency	• 2.412 ~ 2.484 GHz
Data Rate (auto fallback)	• 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 150Mbps
Output Power	• 802.11b: 14dBm (typical) • 802.11g: 11dBm (typical) • 802.11n: 10dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) at 11mpbs • 802.11g: -69dBm (typical) at 54Mbps • 802.11n: -66dBm (typical) at 150Mbps
Encryption	• 64/128-bit WEP, WPA/WPA2-RADIUS, WPA-PSK/WPA2-PSK
Channels	• 1~11 (FCC), 1~13 (ETSI)

## NETWORKING SOLUTIONS

### 150Mbps Mini Wireless N USB Adapter

(TEW-648UBM)



## PACKAGE CONTENTS

- TEW-648UBM
- CD-ROM (Utility and Driver)
- Multi-Language Quick Installation Guide

## RELATED PRODUCTS

TEW-651BR	150Mbps Wireless N Home Router
TEW-650AP	150Mbps Wireless N Access Point
TEW-647GA	Wireless N Gaming Adapter

## CONTACT INFORMATION

### TRENDnet®

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

1-888-326-6061