



## 150Mbps Mini Wireless N USB Adapter TEW-648UB(V1.0R)

The 150Mbps Mini Wireless N USB Adapter (model TEW-648UB) connects a laptop or desktop computer to a wireless n network at up to 6x the speed and 3x the coverage of a wireless g connection.

Enjoy proven wireless n speed and reliability in an ultra compact design that is slightly larger than a US penny.

Setup is a breeze with one-touch Wi-Fi Protected Setup (WPS) technology. 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, play games and talk online with this ultra compact wireless n adapter.

## FEATURES

- Wi-Fi compliant with IEEE 802.11n standard
- One-touch setup with Wi-Fi Protected Setup (WPS) support
- High speed USB 2.0 interface
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- Supports Ad-Hoc (Client-Client) and Infrastructure (AP-Client) Mode
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports 64/128-bit WEP, WPA/WPA2-RADIUS and WPA-PSK/WPA2-PSK
- Low interference and high susceptibility provide reliable performance
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows 7, Vista, XP and 2000 operating systems
- Easy user setup and intuitive diagnostic utility
- Coverage of up to 50 meters indoor (160 feet) and 100 meters outdoor (320 feet) \*
- 3-year limited warranty

# 150Mbps Mini Wireless N USB Adapter

## TEW-648UB[V1.0R]

### SPECIFICATIONS

Hardware	
Interface	• USB 2.0
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n
LED Indicator	• Activity, WPS
WPS Button	• Enables WPS connection
Power Consumption	• Receive mode: 200mA (max) ; Transmit mode : 300mA (max)
Supported OS	• Windows 7 (32/64-bit)/ Vista (32/64-bit)/ XP(32/64-bit)/ 2000
Dimensions (LxWxH)	• 33.9 x 17 x 7mm (1.3 x 0.66 x 0.27in)
Weight	• 3g (0.1oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F); Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• 10% ~ 95% max (non-condensing)
Certifications	• CE, FCC
Wireless	
Modulation	• DBPSK/DQPSK/CCK/OFDM (BPSK/QPSK/16-QAM/64-QAM)
Antenna	• Built-in on board antenna
Frequency	• 2.412 ~ 2.484 GHz
Data Rate (auto fallback)	• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps • 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps • 802.11n: up to 150Mbps
Output Power	• 802.11b: 15dBm (typical) • 802.11g: 14dBm (typical) • 802.11n: 12dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) at 11mpbs • 802.11g: -68dBm (typical) at 54Mbps • 802.11n: -65dBm at 150Mbps
Encryption	• 64/128-bit WEP, WPA/WPA2-Radius, WPA-PSK/WPA2-PSK
Channels	• 1~ 11 (FCC), 1~13 (ETSI)

\*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.



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## NETWORKING SOLUTIONS

### 150Mbps Mini Wireless N USB Adapter (TEW-648UB)



## PACKAGE CONTENTS

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

## RELATED PRODUCTS

TEW-651BR	150Mbps Wireless N Home Router
TEW-642EC	Wireless N Express Card
TEW-643PI	Wireless N PCI Adapter

## ORDERING INFORMATION

### TRENDnet®

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