



150Mbps Micro Wireless N USB Adapter TEW-648UBM (V1.0R)

The 150Mbps Micro Wireless N 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.

150Mbps Micro Wireless N USB Adapter

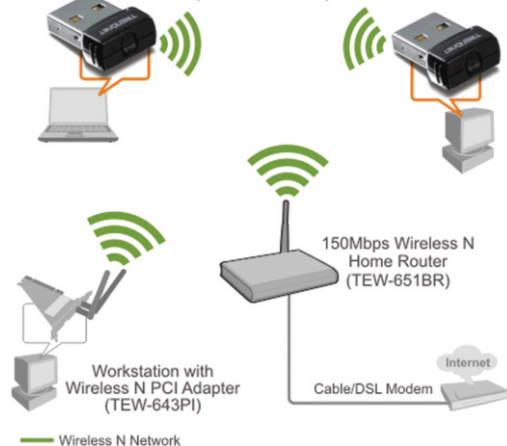
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SPECIFICATIONS

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 7 (32/64-bit), Vista (32/64-bit), XP(32/64-bit)
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

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