



High Power N150 Wireless USB Adapter TEW-646UBH (V1.0R)

The High Power N150 Wireless USB Adapter (model TEW-646UBH) connects a laptop or desktop computer to a high speed wireless n network.

An adjustable external antenna and a 200% increase** in power output maximizes wireless throughput and coverage.

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. Stream video, download files, play games, and talk online with this high power adapter.

FEATURES

- 1 x USB 2.0 connector
- 1 x 2dBi detachable antenna (Reverse SMA)
- 500mW wireless transmission power
- USB bus powered adapter
- 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
- 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/WPA2-PSK
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Universal Plug and Play (UPnP) supported
- Easy user setup and intuitive diagnostic utility
- Coverage of up to 100 meters indoor (330 feet) and 200 meters outdoor (660 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.

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SPECIFICATIONS

HARDWARE

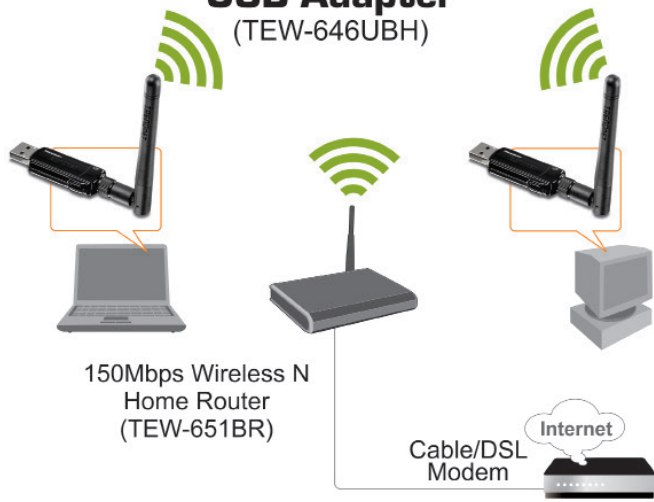
Interface	• USB 2.0
Standards	• IEEE 802.11b, IEEE 802.11g, based on IEEE 802.11n technology
LED Indicators	• Power, Link
WPS Button	• Enables WPS connection
Power Consumption	• 2.5 W
Antenna Connectors	• SMA
Supported OS	• Windows® 7, Vista, XP • Mac OS® 10.6, 10.5, 10.4
Dimensions (LxWxH)	• 60 x 16 x 8 mm (2.3 x 0.6 x 0.3 in.)
Weight	• 5.7 g (0.2 oz)
Temperature	• Operating: 0° ~ 55° C (32° ~ 131° F) • Storage: -20° ~ 70° C (-4 ~ 158° F)
Humidity	• Max. 90% (non-condensing)
Certifications	• FCC

WIRELESS

Modulation	• OFDM, DSSS
Antenna	• 1 x 2dBi omni-directional detachable antenna (Reverse SMA)
Frequency	• 2.4 ~ 2.497 GHz
Quality of Service	• 802.11e, WMM
Data Rate (auto fallback)	• 802.11b: 11Mbps • 802.11g: 54Mbps • 802.11n: 150Mbps
Output Power	• 802.11b: 27dBm • 802.11g: 24dBm • 802.11n: 22dBm
Receiving Sensitivity	• 802.11b: -86dBm at 11Mbps • 802.11g: -72dBm at 54Mbps • 802.11n: -65dBm at 150Mbps
Encryption	• 64/128-bit WEP, WPA/WPA2-RADIUS, WPA /WPA2-PSK
Channels	• 1~11 (FCC version only)

NETWORKING SOLUTIONS

High Power 150Mbps Wireless N USB Adapter (TEW-646UBH)



PACKAGE CONTENTS

TEW-646UBH

CD-ROM (Utility & User's Guide)

Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-657BRM	150Mbps Wireless N ADSL 2/2+ Modem Router
TEW-651BR	150Mbps Wireless N Home Router
TEW-648UB	150Mbps Mini Wireless N USB Adapter

CONTACT INFORMATION

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