



High Power Wireless N USB Adapter TEW-645UB (V1.0R)

The High Power Wireless N USB Adapter provides over 2x the wireless coverage of standard wireless n and up to 8x the coverage of wireless g adapters*.

Connect your laptop or desktop computer to a high speed wireless n network and position the included 1.5 m (4.9 ft) USB base to capture the highest wireless signal strength.

Connecting to a wireless network is a breeze with automated Wi-Fi Protected Setup. Advanced wireless encryption ensures the highest data security. Wireless Multi Media (WMM) Quality of Service technology prioritizes streaming video, wireless gaming and online calls**.

FEATURES

- Wi-Fi compliant with IEEE 802.11n draft 2.0 standard
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices Supports Ad-Hoc (Client-Client) and Infrastructure (AP-Client) Mode
- Supports Signal Input Multiple Output (SIMO) antenna technology
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Low interference and high susceptibility provide reliable performance supports Windows 2000/XP/Vista (32/64-bit) operating systems
- Easy user setup and intuitive diagnostic utility
- 3-Year Limited Warranty

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SPECIFICATIONS

Hardware	
Interface	<ul style="list-style-type: none">• USB 2.0
Standards	<ul style="list-style-type: none">• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft 2.0)
Power Consumption	<ul style="list-style-type: none">• Receiving mode: 480mA @ 5v DC(max)
Supported OS	<ul style="list-style-type: none">• Windows 2000/XP (32-bit)/Vista (32/64-bit)
Dimensions (LxWxH)	<ul style="list-style-type: none">• 195 x 67 x 24mm (7.6 x 2.6 x 0.9in)
Weight	<ul style="list-style-type: none">• 110g (3.8 oz)
Temperature	<ul style="list-style-type: none">• Operating: 0° ~ 40° C (32° ~ 104° F); Storage: -20° ~ 70° C (68° ~ 158° F)
Humidity	<ul style="list-style-type: none">• 10% ~ 90% max (non-condensing)
Certification	<ul style="list-style-type: none">• FCC, CE
Wireless	
Module Technique	<ul style="list-style-type: none">• 802.11n: BPSK, QPSK, 16QAM, 64QAM with OFDM• 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-carrier modulations• 802.11b: DBPSK, DQPSK, CCK (DSSS)
Antenna	<ul style="list-style-type: none">• Internal antenna 3dBi
Frequency	<ul style="list-style-type: none">• 2.412 ~ 2.484 GHz
Data Rate (auto fallback)	<ul style="list-style-type: none">• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps• 802.11n: up to 300Mbps (RX)/150Mbps(TX)
Output Power	<ul style="list-style-type: none">• 802.11b: 20dBm (typical)• 802.11g: 18dBm (typical)• 802.11n: 15dBm (typical) at HT20/ HT40
Receiving Sensitivity	<ul style="list-style-type: none">• 802.11b: -84dBm (typical) at 11mpbs• 802.11g: -72dBm (typical) at 54Mbps• 802.11n: -68dBm at 150Mbps
Encryption	<ul style="list-style-type: none">• 64/128-bit WEP (Hex & ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK
Channels	<ul style="list-style-type: none">• 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.

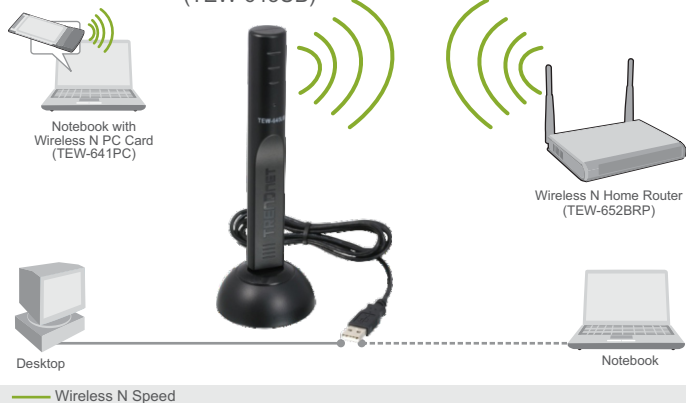


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NETWORKING SOLUTIONS

High Power Wireless N USB Adapter (TEW-645UB)



PACKAGE CONTENTS

- TEW-645UB
- USB base stand with fixed USB A cable 1.5m (4.9ft)
- CD-ROM(Driver and Utility)
- Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-641PC	Wireless N PC Card
TEW-643PI	Wireless N PCI Adapter
TEW-672GR	Dual Band Wireless N Gigabit Router

ORDERING INFORMATION

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