



Wireless N USB Adapter TEW-644UB(V1.0R)

The Wireless N USB Adapter allows you to connect a laptop or desktop computer wirelessly with supercharged speed and reliability. Enjoy up to 8x the speed and 4x the coverage of a wireless g connection. Upgrade to TRENDnet's Wireless N USB Adapter and enjoy faster than wired speeds with a wireless connection.

Setup is a breeze with Wi-Fi Protected Setup technology. Advanced wireless encryption protects your valuable data. The latest in MIMO antenna technology ensures the fastest communication speeds that wireless n technology provides.. Stream media, download files, play games and talk online when connected to a wireless n router.

FEATURES

- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- Supports Ad-Hoc (Client-Client) and Infrastructure (AP-Client) Mode
- Supports Multiple Input Multiple Output (MIMO) technology
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
- Low interference and high susceptibility guarantee reliable performance
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows 2000/XP/Vista operating systems
- Easy user setup and intuitive diagnostics utilities
- Coverage of up to 50 meters indoor, 100 meters outdoor *
- 3-Year Limited Warranty

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SPECIFICATIONS

Hardware	
Interface	• USB 2.0
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft 2.0)
LED Indicator	• Activity
Power Consumption	• Receive mode: 250mA (max) ; Transmit mode : 320mA (max)
Supported OS	• Windows 2000/XP(32/64-bit)/Vista (32/64-bit)
Dimensions (LxWxH)	• 80 x 27 x 12mm (3.1 x 1 x 0.5in)
Weight	• 20g (0.7oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F); Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• 10% ~ 90% max (non-condensing)
Certification	• FCC, CE

Wireless	
Module Technique	• DBPSK/DQPSK/CCK/OFDM (BPSK/WPSK/16-QAM/64-QAM)
Antenna	• Built-in 2 on board antennas
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 300Mbps (RX)/150Mbps(TX)
Output Power	• 802.11b: 16dBm (typical) • 802.11g: 14dBm (typical) • 802.11n: 12dBm (typical)
Receiving Sensitivity	• 802.11b: -89dBm (typical) at 11mpbs • 802.11g: -73dBm (typical) at 54Mbps • 802.11n: -63dBm at 150Mbps
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK
Channels	• 1~11 (FCC), 1~13 (ETSI)

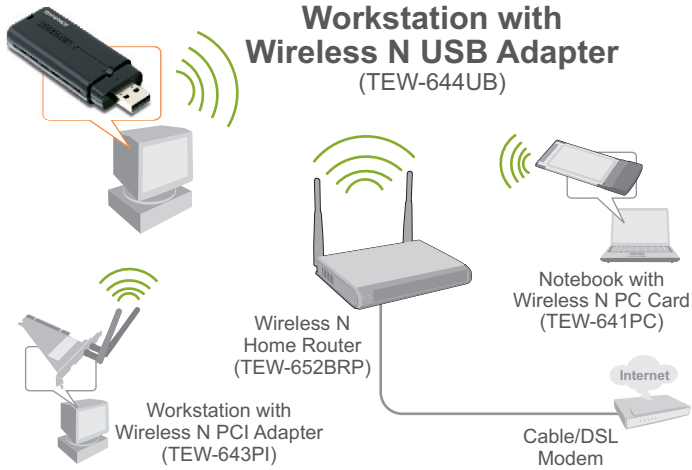
*Maximum wireless signal rates are referenced from IEEE 802.11 theoretical specifications. Actual data throughput and coverage will vary depending on interference, network traffic, building materials and other conditions.



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NETWORKING SOLUTIONS



Wireless N Speed

PACKAGE CONTENTS

- TEW-644UB
- Utility and driver CD-ROM
- Multi-Language Quick Installation Guide
- USB Cable

RELATED PRODUCTS

TEW-641PC	Wireless N PC Card
TEW-643PI	Wireless N PCI Adapter
TEW-644UB	Wireless N USB Adapter

ORDERING INFORMATION

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