



N600 Dual Band Wireless USB Adapter TEW-664UB (v2.0R)

The N600 Wireless Dual Band USB Adapter, (model TEW-664UB), connects a laptop or desktop computer to an high performance 300 Mbps dual band wireless network. Quickly connect to a 2.4 GHz or 5 GHz wireless network at the touch of a button with the convenience of the one-touch Wi-Fi Protected Setup (WPS) button. Seamlessly stream HD video over the less congested 5 GHz band.

Advanced wireless encryption protects your digital network. The latest in MIMO antenna technology ensures the fastest communication speeds provided by wireless n technology. WMM® Quality of Service (QoS) technology prioritizes gaming, internet calls, and video streams. Stream HD media, download files, play games, and talk online with 300Mbps dual band wireless n technology.

PRODUCT OVERVIEW

- Upgrade your computer to 300 Mbps Dual Band Wireless N
- Connects to a 2.4 GHz or a 5 GHz wireless network
- Seamlessly stream HD video over the less congested 5 GHz band
- One-touch connection to router with the Wi-Fi Protected Setup (WPS) button

FEATURES

- USB 2.0 connector
- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g, IEEE 802.11b, and IEEE 802.11a networks
- High-speed data rates up to 300 Mbps
- Multiple Input Multiple Output (MIMO) antenna technology
- One-touch network connection with Wi-Fi Protected Setup (WPS) button
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) data prioritization
- Supports Ad-Hoc or Infrastructure mode
- Dynamic Data Rate Scaling from 300 Mbps to 1 Mbps
- Maximum reliability, throughput, and connectivity with Automatic Data Rate Switching
- Supports advanced wireless encryption up to WPA2-RADIUS
- Compatible with Windows 8, Windows 7 (32/64-bit), Vista (32/64-bit), and XP(32/64-bit) operating systems
- Easy user setup & diagnostic utilities
- Coverage of up to 100 meters indoor (330 feet) and 300 meters outdoor (980 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.

SPECIFICATIONS

HARDWARE

Interface	<ul style="list-style-type: none">• USB 2.0, 1.1 standard
Standards	<ul style="list-style-type: none">• IEEE 802.11a, IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n
WPS Button	<ul style="list-style-type: none">• Enables WPS connection
Power Consumption	<ul style="list-style-type: none">• Receive mode: 200 mA (max)• Transmit mode: 400 mA (max)
Supported OS	<ul style="list-style-type: none">• Windows 8, 7, Vista, XP, 2000, Mac: 10.4 - 10.7
Dimensions (L x W x H)	<ul style="list-style-type: none">• 65 x 23 x 11 mm (2.5 x 1 x 0.5 in)
Weight	<ul style="list-style-type: none">• 11.33 g (0.4 oz.)
Temperature	<ul style="list-style-type: none">• Operating: 0° ~ 40°C (32° ~ 104°F)• Storage: -10° ~ 65°C (14° ~ 149°F)
Humidity	<ul style="list-style-type: none">• Max 95% (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC

WIRELESS

Modulation	<ul style="list-style-type: none">• OFDM (BPSK, QPSK, 16QAM, 64QAM), DSSS (DPBBSK, DQPSK, CCK)
Antenna	<ul style="list-style-type: none">• 2 high performance internal antennas
Frequency	<ul style="list-style-type: none">• 802.11b/g/n: 2.412 ~ 2.484 GHz• 802.11a/n: 5.150 ~ 5.250/5.725 ~ 5.825 GHz
Media Access Protocol	<ul style="list-style-type: none">• CSMA / CA with ACK
Data Rate (auto fallback)	<ul style="list-style-type: none">• 802.11a: up to 54 Mbps• 802.11b: up to 11 Mbps• 802.11g: up to 54 Mbps• 802.11n: up to 300 Mbps (for both 2.4 & 5GHz)
Output Power	<ul style="list-style-type: none">• 2.4 GHz: 28 dBm• 5 GHz: 16 dBm
Receiving Sensitivity	<ul style="list-style-type: none">• 802.11b: -76 dBm (typical)• 802.11g: -65 dBm (typical) (for both 2.4 & 5 GHz)• 802.11n : -61 dBm (typical) (for both 2.4 & 5 GHz)
Encryption	<ul style="list-style-type: none">• 64/128-bit WEP, WPA / WPA2-RADIUS, WPA / WPA2-PSK (AES / TKIP)
Channels	<ul style="list-style-type: none">• 2.4GHz: 1~11 (FCC), 1~13 (ETSI)• 5GHz: 36,40,44,48,149,153,157,161,165 (FCC) 36,40,44,48 (ETSI)

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NETWORKING SOLUTIONS



PACKAGE CONTENTS

TEW-664UB

CD-ROM (Utility & Driver)

Multi-Language Quick Installation Guide

1 x USB Cable (15.5 cm / 6.1 in)

RELATED PRODUCTS

TEW-692GR N900 Dual Band Wireless Router

TEW-680MB N900 Dual Band Wireless Media Bridge

TEW-731BR N300 Wireless Home Router

CONTACT INFORMATION

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