



## N600 Dual Band Wireless USB Adapter TEW-664UB(V1.0R)

The N600 Dual Band Wireless USB Adapter (model TEW-664UB) automatically connects your laptop or desktop computer wirelessly with supercharged speed and reliability to a 2.4GHz and 5GHz wireless network. Experience up to 12x the speed and 4x the coverage of a wireless g connection\*. Dual Band wireless n technology uses additional wireless channels, reduces wireless interference and optimizes performance in the most challenging environments.

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 HD media, download files, play games and talk online with 300Mbps dual band wireless n technology.

**\*\* 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.**

## FEATURES

- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g, IEEE 802.11b and IEEE 802.11a 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 optimize performance
- Wi-Fi Multimedia (WMM) Quality of Service (QoS) supported
- Compatible with Windows 7/ Vista/ XP/ 2000 and Mac OS X 10.3/4/5 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

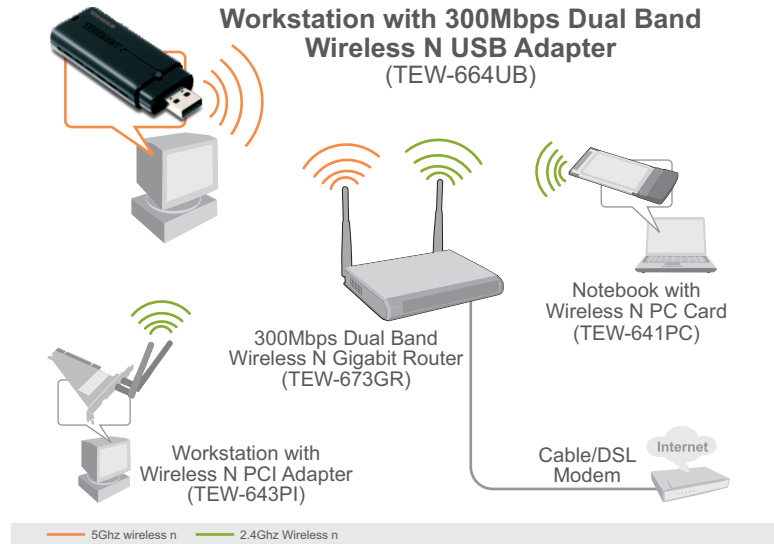
Hardware	
Interface	<ul style="list-style-type: none"><li>• USB 2.0</li></ul>
Standards	<ul style="list-style-type: none"><li>• IEEE 802.11a, IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (draft 2.0)</li></ul>
LED Indicator	<ul style="list-style-type: none"><li>• Activity</li></ul>
Power Consumption	<ul style="list-style-type: none"><li>• Receive mode: 300mA (max) ; Transmit mode : 450mA (max)</li></ul>
Supported OS	<ul style="list-style-type: none"><li>• Windows 7 (32/64-bit)/ Vista (32/64-bit) / XP (32/64-bit) /2000, Mac OS X 10.4/10.5</li></ul>
Dimensions (LxWxH)	<ul style="list-style-type: none"><li>• 80 x 27 x 12mm (3.1 x 1 x 0.5in)</li></ul>
Weight	<ul style="list-style-type: none"><li>• 20g (0.7oz)</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Operating: 0° ~ 40° C (32° ~ 104° F); Storage: -10° ~ 65° C (14° ~ 149° F)</li></ul>
Humidity	<ul style="list-style-type: none"><li>• 5% ~ 95% max (non-condensing)</li></ul>
Certification	<ul style="list-style-type: none"><li>• FCC, CE</li></ul>
Wireless	
Frequency	<ul style="list-style-type: none"><li>• 802.11n: 2.412 ~ 2.484 GHz</li><li>• 802.11a: 5.150GHz ~ 5.350GHz / 5.725GHz ~ 5.825GHz (FCC) 5.150GHz ~5.350GHz / 5.470GHz ~ 5.725GHz (ETSI)</li></ul>
Antenna	<ul style="list-style-type: none"><li>• Built-in 2 on board antennas</li></ul>
Data Rate (auto fallback)	<ul style="list-style-type: none"><li>• 802.11a: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps</li><li>• 802.11b: 11Mbps, 5.5Mbps, 2Mbps, and 1Mbps</li><li>• 802.11g: 54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 9Mbps and 6Mbps</li><li>• 802.11n: up to 300Mbps</li></ul>
Output Power	<ul style="list-style-type: none"><li>• 802.11a: 10dBm (typical)</li><li>• 802.11b: 16dBm (typical)</li><li>• 802.11g: 13dBm (typical)</li><li>• 802.11n: 13dBm (typical)</li></ul>
Receiving Sensitivity	<ul style="list-style-type: none"><li>• 802.11b: -86dBm at 11Mbps</li><li>• 802.11g: -71dBm at 54Mbps</li><li>• 802.11a: -70dBm at 54Mbps</li><li>• 802.11n: -66dBm at 300Mbps</li><li>• 802.11a: -69dBm at 300Mbps</li></ul>
Encryption	<ul style="list-style-type: none"><li>• 64/128-bit WEP (Hex &amp; ASCII), WPA/WPA2 (TKIP/AES), WPA-PSK/WPA2-PSK</li></ul>
Channel	<ul style="list-style-type: none"><li>• 802.11b/g/n: 1~11 (FCC), 1~13 (ETSI)</li><li>• 802.11a: 36, 40, 44, 48, 149, 153, 157, 161, 165 (FCC), 36, 40, 44, 48 (ETSI)</li></ul>



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## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

- TEW-664UB
- CD-ROM (Utility and Driver)
- Multi-Language Quick Installation Guide
- USB cable (14.5cm / 5.7in.)

## RELATED PRODUCTS

<b>TEW-672GR</b>	300Mbps Dual Band Wireless N Gigabit Router
<b>TEW-670APB</b>	300Mbps Dual Band Wireless N Access Point

## ORDERING INFORMATION

**TRENDnet**<sup>®</sup>

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