



## 300Mbps Wireless N USB 2.0 Adapter TEW-624UB

The 300Mbps Wireless N USB 2.0 Adapter allows you to connect wirelessly with supercharged speed, range and reliability. Wireless speeds increase up to 300Mbps when connecting to TRENDnet Wireless N access points or wireless routers. This 802.11n device seamlessly connects to your wireless network without performance degradation.



### FEATURES

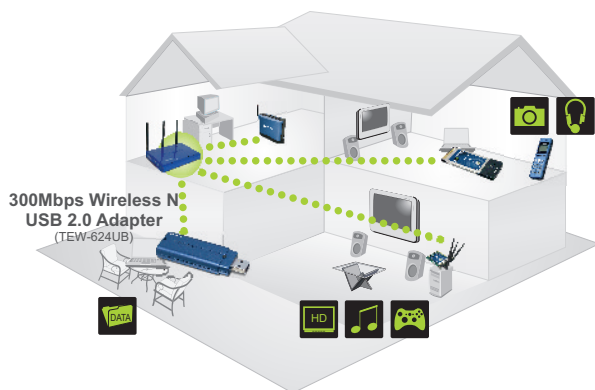
- Wi-Fi Compliant with IEEE 802.11n (draft) Standard
  - Wi-Fi Compliant with IEEE 802.11g and IEEE 802.11b Standards
  - Supports Ad-Hoc(Peer to Peer) or Infrastructure (AP-Client) Mode
  - High-Speed up to 300Mbps Data Rate using IEEE 802.11n connection
  - Supports MIMO technology with 2 Built-in Internal Printed Antennas
  - Dynamic Data Rate Scaling from 1Mbps to 300Mbps
  - Maximum Reliability, Throughput and Connectivity with Automatic Data Rate Switching
  - Universal Wireless Connectivity for Seamless Roaming among 802.11b/g/n Networks
  - Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK
  - Low Interference and High Susceptibility Guarantee Reliable Performance
  - Compatible with Windows 2000/XP/Vista Operating Systems
  - Easy User Setup & Diagnostics Utilities
  - 3-Year Warranty
- Link to Wi-Fi certification: [http://certifications.wi-fi.org/wbcs\\_ViewCertificate.php?product\\_id=5995](http://certifications.wi-fi.org/wbcs_ViewCertificate.php?product_id=5995)

# 300Mbps Wireless N USB 2.0 Adapter TEW-624UB

## SPECIFICATIONS

Hardware	
Interface	• USB 2.0, 1.1 Standard
Standards	• IEEE 802.11b, IEEE 802.11g and IEEE 802.11n (Draft 1.0)
Power Consumption	• Receive Mode: 260mA(max) ; Transmit Mode: 420mA(max)
Supported OS	• Windows 2000/XP/Vista
Product Dimensions	• 80 x 27 x 12mm (3.1 x 1 x 0.5 inches)
Weight	• 20g (0.7oz)
Temperature	• Operation: 0°C ~ 40°C (32°F ~ 104°F); Storage: -10°C ~ 70°C (14°F ~ 158°F)
Humidity	• 10% ~ 95% (Non-Condensing)
Certification	• CE, FCC
Wireless	
Module Technique	• 802.11b: CCK (11 and 5.5Mbps), DQPSK (2Mbps), DBPSK (1Mbps) • 802.11g: OFDM with BPSK, QPSK and 16/64-QAM sub-Carrier modulations • 802.11n: OFDM, 64-QAM
Antenna	• 2 Built-in Internal Printed Antennas
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA with AC
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 (draft): up to 300Mbps
Output Power	• 802.11b: 17dBm (typical) • 802.11g: 14dBm (typical) • 802.11n (draft): 13dBm (typical)
Receiving Sensitivity	• 802.11b: -88dBm (typical) @ 10% PER • 802.11g: -74dBm (typical) @ 10% PER • 802.11n (draft): -66dBm (typical) @ 8% PER
Encryption	• 64/128-bit WEP (Hex & ASCII), WPA/WPA2, WPA-PSK/WPA2-PSK
Channels	• 1~11 (US), 1~13 (EU)

## NETWORKING SOLUTIONS



..... 300Mbps, share multimedia throughout the house

## PACKAGE CONTENTS

- TEW-624UB
- Multi-Language Quick Installation Guide
- Utility & Driver CD-ROM
- 1 x USB 2.0 Cable (145mm/5.7inches)

## RELATED PRODUCTS

TEW-621PC	300Mbps Wireless N-Draft PC Card
TEW-623PI	300Mbps Wireless N-Draft PCI Adapter
TEW-630APB	300Mbps Wireless N-Draft Access Point
TEW-631BRP	300Mbps Wireless N-Draft Firewall Router

## ORDERING INFORMATION

**TRENDnet**<sup>®</sup>

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