N300 Mini Wireless USB Adapter
TEW-624UB (D1.0R)

The N300 Mini Wireless USB Adapter, model TEW-624UB, networks a laptop or desktop computer to a high performance 300Mbps wireless network. Quickly connect to a wireless router at the touch of a button with the convenience of one-touch Wi-Fi Protected Setup (WPS). Realize up to 50% energy savings with GREENnet techonology.

Advanced Multiple Input Multiple Output (MIMO) antenna technology delivers superior wireless coverage and reduces dead spots. WMM® Quality of Service (QoS) technology prioritizes gaming, Internet calls, and video streams.

Computers purchased with integrated wireless most often come with either 150 Mbps or even slower 54 Mbps Wireless technology. Upgrade your laptop or desktop today to high speed 300 Mbps Wireless N. Enjoy proven high performance speed and reliability in an ultra compact design that is slightly larger than a US penny.

GREENnet
Wireless Power Savings

FEATURES

• Wi-Fi compliant with IEEE 802.11n standard

• Backwards compatible with IEEE 802.11g and IEEE 802.11b

• Supports Ad-Hoc (Peer-to-Peer b/g only) or Infrastructure (AP-Client) mode

• High-speed data rates up to 300Mbps using an IEEE 802.11n connection

• Compact form factor

• Supports MIMO technology with 2 high performance internal antennas

• Dynamic Data Rate Scaling from 300Mbps to 1Mbps

• Maximum reliability, throughput and connectivity with Automatic Data Rate Switching

• Supports advanced wireless encryption up to WPA/WPA2-RADIUS

• One-touch network connection with Wi-Fi Protected Setup (WPS) button

• Easy user setup & diagnostic utilities

• Coverage of up to 100 meters indoor and 300 meters outdoor *

• 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.
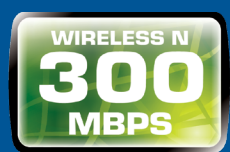
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WIRELESS N
300 MBPS

SPECIFICATIONS

HARDWARE	
Interface	• USB 2.0, 1.1 standard
Standards	• IEEE 802.11b, IEEE 802.11g, and IEEE 802.11n
WPS Button	• Enables WPS connection
Power Consumption	• Receive mode: 200mA (max) ; Transmit mode: 400mA (max)
Supported OS	• Windows® 8.1, 8, 7, Vista and XP • Mac OS® 10.4, 10.5, 10.6, 10.7, 10.8, 10.9
Dimensions (LxWxH)	• 33.9 x 17 x 7 mm (1.3 x 0.7 x 0.3 in.)
Weight	• 3 g (0.1 oz)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• Max. 95% (non-condensing)
Certifications	• CE, FCC

WIRELESS	
Modulation	• OFDM, DSSS
Antenna	• 2 high performance internal PIFA antennas
Frequency	• 2.412 ~ 2.484 GHz
Media Access Protocol	• CSMA/CA with ACK
Data Rate (auto fallback)	• 802.11b: up to 11Mbps • 802.11g: up to 54Mbps • 802.11n: up to 300Mbps
Output Power	• 802.11b: 12dBm (typical) • 802.11g: 12dBm (typical) • 802.11n : 10dBm (typical)
Receiving Sensitivity	• 802.11b: -84dBm (typical) • 802.11g: -65dBm (typical) • 802.11n : -62dBm (typical)
Encryption	• 64/128-bit WEP, WPA/WPA2-RADIUS, WPA /WPA2-PSK (AES/TKIP)
Channels	• 1~11 (FCC), 1~13 (ETSI)

NETWORKING SOLUTIONS

TEW-639GR

300Mbps Mini
Wireless N USB Adapter
(TEW-624UB)

PACKAGE CONTENTS

TEW-624UB

CD-ROM (Utility & Driver)

Multi-Language Quick Installation Guide

RELATED PRODUCTS

TEW-640MB	300Mbps Wireless N 4-Port Media Bridge
TEW-652BRP	300Mbps Wireless N Home Router
TEW-639GR	300Mbps Wireless N Gigabit Router

CONTACT INFORMATION

TRENDNET®

20675 Manhattan Place,Torrance, CA 90501 USA
Tel: 1-310-961-5500
Fax: 1-310-961-5511
Web: www.trendnet.com
Email: sales@trendnet.com
1-888-326-6061