

## USB 802.11N Dual Band Wireless Network Adapter – 300 Mbps High Power 2T2R Wi-Fi 2.4/5GHz

**Product ID:** USB300WN2X2D



The USB300WN2X2D dual-band Wireless-N USB Network Adapter allows a USB-enabled computer to connect to a WiFi network on the 2.4GHz or 5GHz frequency. The adapter can be used for connecting to Wireless-A, B, G or N networks, and features dual 5dBi high gain antennas, as well as powered amplifiers to ensure optimized reception capable of supporting up to 300Mbps of data bandwidth over distances up to 3 times greater than a standard WiFi adapter.

This versatile dual band network adapter features a 2T2R (2 transmitter, 2 receiver), Multiple Input/Multiple Output (MIMO) design, and can connect to older wireless access points (that may only operate on a 2.4GHz frequency), as well as newer WAPs that support the less congested 5 GHz range.

Backed by a StarTech.com 2-year warranty, with free lifetime technical support, the USB300WN2X2D is designed to provide a dependable, long-lasting wireless access solution

### Certifications, Reports and Compatibility

#### Applications

- Connect to a WiFi network while on the go, from a laptop
- Replace or upgrade the wireless capabilities of a desktop or laptop computer
- Access a nearby wireless network from an outdoor location
- Connect to a 5 GHz WiFi network, which will not receive interference from common wireless devices, such as cordless phones
- Connect to WiFi networks in areas with lots of obstructions or near the maximum range of the WiFi access point

- Connect a computer to a network, where cables cannot be used, such as outdoors

## Features

- 2 Transmitter/2 Receiver (2x2:2) antenna configuration, with MIMO support
- 2.4/5 GHz dual band frequency support
- Dual detachable 5dBi dual band antennas
- Compliant with IEEE 802.11n standard, with transfer rates up to 300Mbps
- Backward compatible with IEEE 802.11b/g standards, for up to 11/54Mbps connections respectively
- Supported security features: WEP (64-128-bit), WPA and WPA2
- Support for WMM/WMM-PS Quality of Service (QoS)
- Powered directly from single or dual USB ports
- Includes a monitor clip for mounting to the back of a laptop display

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## Hardware

Warranty	2 Years
Interface	Wireless Ethernet
Bus Type	USB 2.0
Antenna Configuration	2x2:2 (TxR:S)
Industry Standards	IEEE 802.11b, IEEE 802.11g, IEEE802.11n
Chipset ID	Ralink - RT3572L

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## Performance

Maximum Data Transfer Rate	300 Mbps
Bandwidth	20/40 MHz
Type and Rate	USB 2.0 - 480 Mbit/s
Frequency	2.4/5.0 GHz
Security Features	WEP Data Encryption TKIP/AES



WPA and WPA2-PSK Data Encryption

WPA and WPA2 Enterprise Data Encryption

Supported Protocols CSMA/CA

#### Connector(s)

Connector Type(s) RP-SMA (Coax, Reverse Polarity SubMiniature A)  
USB Mini-B (5 pin)

#### Software

OS Compatibility Windows 11, 10 (32/64), 8 / 8.1 (32/64), 7 (32/64), Vista(32/64), XP(32/64)  
Windows Server 2008 R2, 2003(32/64)  
Mac OS 10.7 and up (Tested up to 10.9)  
Linux 2.6.32 or later

#### Special Notes / Requirements

Note The included USB Y cable is 42in (1066mm) long, while the breakout portion is 15in (381mm)

#### Indicators

LED Indicators Link/Activity

#### Power

Power Source USB-Powered

#### Environmental

Operating Temperature 0C to 60C (32F to 140F)  
Storage Temperature -20C to 70C (-4F to 158F)  
Humidity 10% ~ 90% RH

#### Physical Characteristics

Color Black  
Material Plastic  
Cable Length 3.5 ft [1.1 m]  
Product Length 3.5 in [88 mm]



Product Width	2.2 in [56 mm]
Product Height	0.7 in [18 mm]
Weight of Product	1.2 oz [35 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.4 in [16.3 cm]
Package Width	5.4 in [13.6 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	7.4 oz [210 g]

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**What's in the Box**

Included in Package	USB WiFi Adapter
	Mini USB Y Cable
	Dual Band Antenna
	Monitor Clip
	Driver CD
	Instruction Manual

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***\*Product appearance and specifications are subject to change without notice.***

