

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

StarTech 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

### 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

**Technical Specifications**

Warranty	2 Years
Bus Type	USB 2.0
Chipset ID	Ralink RT3572L
Interface	USB 2.0
Antenna Configuration	2x2:2 (TxR:S)
Industry Standards	IEEE 802.11b, IEEE 802.11g, IEEE802.11n
Connector Type(s)	1 - USB Mini-B (5 pin) Female
Connector Type(s)	2 - RP-SMA (Coax; Reverse Polarity SubMiniature A) Female
Bandwidth	20/40 MHz
Frequency	2.4/5.0 GHz
Supported Protocols	CSMA/CA
Type and Rate	USB 2.0 - 480 Mbit/s
Security Features	TKIP/AES
Security Features	WEP Data Encryption
Security Features	WPA Data Encryption
OS Compatibility	Windows XP (32/64-bit)/ Server 2003 (32/64-bit)/ Server 2008 R2/ Vista (32/64-bit)/ 7 (32/64-bit)/ 8 (32/64-bit) Linux kernel 2.6.32 or later
Color	Black
Enclosure Type	Plastic
Product Height	0.7 in [18 mm]
Product Length	3.5 in [88 mm]
Product Weight	1.2 oz [35 g]
Product Width	2.2 in [56 mm]
LED Indicators	1 - Link/Activity
Power Adapter Included	USB Powered
Humidity	10% ~ 90% RH
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Package Quantity	1
Shipping (Package) Weight	6.9 oz [195 g]

- Included in Package 1 - USB WiFi Adapter
- Included in Package 1 - Mini USB Y Cable
- Included in Package 2 - Dual Band Antenna
- Included in Package 1 - Monitor Clip
- Included in Package 1 - Driver CD
- Included in Package 1 - Instruction Manual

**Certifications, Reports and Compatibility**

