

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

| | | |
|-------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hardware | Warranty | 2 Years |
| | Antenna Configuration | 2x2:2 (TxR:S) |
| | Bus Type | USB 2.0 |
| | Chipset ID | Ralink RT3572L |
| | Industry Standards | IEEE 802.11b, IEEE 802.11g, IEEE802.11n |
| | Interface | Wireless Ethernet |
| Performance | Bandwidth | 20/40 MHz |
| | Frequency | 2.4/5.0 GHz |
| | Maximum Data Transfer Rate | 300 Mbps |
| | Security Features | TKIP/AES |
| | | WEP Data Encryption |
| | | WPA and WPA2-PSK Data Encryption |
| | | WPA and WPA2 Enterprise Data Encryption |
| Supported Protocols | CSMA/CA | |
| Type and Rate | USB 2.0 - 480 Mbit/s | |
| Connector(s) | Connector Type(s) | 1 - USB Mini-B (5 pin) Female |
| | | 2 - RP-SMA (Coax, Reverse Polarity SubMiniature A) Female |
| Software | OS Compatibility | Windows® 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 | 1 - Link/Activity |
| Power | Power Source | USB-Powered |
| Environmental | 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) |
| Physical Characteristics | Cable Length | 1066.8 mm [42 in] |
| | Color | Black |
| | Enclosure Type | Plastic |
| | Product Height | 18 mm [0.7 in] |

| | | |
|------------------------------|---------------------------|------------------------|
| | Product Length | 88 mm [3.5 in] |
| | Product Weight | 35 g [1.2 oz] |
| | Product Width | 56 mm [2.2 in] |
| Packaging Information | Package Quantity | 1 |
| | Shipping (Package) Weight | 210 g [7.4 oz] |
| What's in the Box | Included in Package | 1 - USB WiFi Adapter |
| | | 1 - Mini USB Y Cable |
| | | 2 - Dual Band Antenna |
| | | 1 - Monitor Clip |
| | | 1 - Driver CD |
| | | 1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.