

PCI Wireless N Adapter - 300 Mbps PCI 802.11 b/g/n Network Adapter Card – 2T2R 2.2 dBi

StarTech ID: PCI300WN2X2



The PCI300WN2X2 Wireless-N PCI Card adds high speed 802.11n network connectivity to almost any PCI-enabled desktop/workstation PC. Using a 2T2R (2 Transmitter/2 Receiver) design over the 2.4GHz frequency, the card supports 300Mbps data bandwidth over an 802.11n network, while providing optimal signal reception and range - the ideal WiFi card for Desktop PCs.

Backward compatible with 802.11b/g networks (11/54Mbps), this versatile WiFi N adapter offers a versatile wireless networking solution with support for standard and advanced security options such as WEP, WPA and WPA2, along with wireless Quality of Service (QoS) support and quick and easy setup through WPS.

This easy-to-install wireless PCI NIC also includes a low-profile adapter, which enables it to be installed as a half-height wireless PCI card that's suitable for Small Form Factor computers.

Backed by StarTech.com's 2-year warranty, the PCI300WN2X2 PCI Wireless N adapter also includes free lifetime technical support, ensuring an excellent upgrade or first-time setup option.

Applications

- Connect a remote workstation PC to a wireless-N network, in environments where running network cables is not feasible

Features

- 2 Transmitter/2 Receiver (2x2:2) antenna configuration
- Compliant with IEEE 802.11n standard, with support for up to 300Mbps of wireless data bandwidth
- Backward compatible with IEEE 802.11b/g standards for up to 11/54Mbps connections respectively with Wireless-B and Wireless-G networks
- Supported security features: WEP (64-128-bit), WPA, WPA2, WPS
- Support for WMM/WMM-PS Quality of Service (QoS)
- Infrastructure and Ad-Hoc network modes support
- Dual detachable 2dBi antennas
- Includes Low Profile/Half-Height installation bracket

Technical Specifications

Warranty	2 Years
Antenna Configuration	2x2:2 (TxR:S)
Bus Type	PCI / PCI-X (5 / 3.3V)
Card Type	Standard Profile (LP bracket incl.)
Chipset ID	Ralink RT3062F
Interface	PCI
Port Style	Integrated on Card
Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V; 32-bit) Male
External Ports	2 - RP-SMA (Coax; Reverse Polarity SubMiniature A) Female
Bandwidth	20/40 MHz
Frequency Range	2.4 GHz ~ 2.484 GHz
Full Duplex Support	Yes
Maximum Data Transfer Rate	802.11n: 300 Mbps
Security Features	TKIP/AES
Security Features	WEP Data Encryption
Security Features	WPA Data Encryption
Supported Protocols	CSMA/CA
OS Compatibility	Windows XP(64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit) Linux 2.6.32 or later
Product Height	0.7 in [19 mm]
Product Length	5.1 in [129 mm]
Product Weight	1.8 oz [50 g]
Product Width	2.1 in [53 mm]
Humidity	10% ~ 90% RH
Operating Temperature	0°C to 55°C (32°F to 131°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
System and Cable Requirements	Available PCI expansion card slot
Package Quantity	1
Shipping (Package) Weight	5.5 oz [155 g]
Included in Package	1 - PCI Wireless-N Card
Included in Package	1 - Low Profile Bracket

Included in Package	2 - Antenna
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

