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

Product 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.

Certifications, Reports and Compatibility

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

Hardware		
	Warranty	2 Years
	Interface	Wireless Ethernet
	Bus Type	PCI / PCI-X (5 / 3.3V)
	Card Type	Standard Profile (LP bracket incl.)
	Antenna Configuration	2x2:2 (TxR:S)
	Chipset ID	Ralink - RT3062F

Performance		
	Maximum Data Transfer Rate	802.11n: 300 Mbps
	Bandwidth	20/40 MHz
	Full Duplex Support	Yes
	Frequency Range	2.4 GHz ~ 2.484 GHz
	Security Features	TKIP/AES
		WEP Data Encryption

		WPA and WPA2-PSK Data Encryption
		WPA and WPA2 Enterprise Data Encryption
	Supported Protocols	CSMA/CA

Connector(s)

	Connector Type(s)	1 - PCI / PCI-X (Universal 3.3 & 5V, 32-bit)
	External Ports	2 - RP-SMA (Coax, Reverse Polarity SubMiniature A)

Software

	OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11
		Windows Server 2003, 2008 R2
		Linux 2.6.32 and later or 4.4.x LTS Versions only

Special Notes / Requirements

	System and Cable Requirements	Available PCI expansion card slot

Environmental

	Operating Temperature	0C to 55C (32F to 131F)
	Storage Temperature	-20C to 70C (-4F to 158F)
	Humidity	10% ~ 90% RH

Physical Characteristics

	Product Length	5.1 in [12.9 cm]
	Product Width	2.1 in [5.3 cm]
	Product Height	0.7 in [1.9 cm]
	Weight of Product	1.8 oz [50 g]

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	5.5 oz [155 g]	

What's in the Box

Included in Package	1 - PCI Wireless-N Card	
	1 - Low Profile Bracket	
	2 - Antenna	
	1 - Driver CD	
	1 - Instruction Manual	

Warranty Information

Warranty	2 Years	

---

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