

Go Wireless, Fast

Jump into the connectivity fast lane. Simply install the Wireless-N PCI Adapter in your desktop computer and get ready to enjoy today's fastest wireless speeds and widest coverage.

Speed is Power

Easily upgrade your tower or desktop computer with the power of today's most advanced wireless technology, Wireless-N, and experience ultra-fast connectivity and expansive, rock-solid coverage throughout your wirelessly networked home. Offers optimal performance when connecting to Wireless-N networks, but works with Wireless-G and -B networks as well.

Easy Setup

Installs easily in your computer's PCI slot. Step-by-step Setup Wizard makes it easy to configure to your network's settings.

Powerful Protection

Rest secure – industrial-strength encryption helps keep your communications and information private.

DATASHEET

High-speed Wireless-N (draft 802.11n) networking for your desktop computer

MIMO technology uses multiple radios to create a robust signal that travels up to 4 times farther and reduces dead spots

Up to 12 times faster than Wireless-G, but can also connect to Wireless-G and -B networks

Advanced wireless security: Wi-Fi Protected Access™ (WPA2) with up to 256-bit encryption



Wireless-N PCI Adapter

Model: WMP300N (EU)

Features

- Increases Range up to 4X, and Speed up to 12X, over Wireless-G (802.11g) Standard
- Performance Investment Protection: Compatibility with Wireless-B (802.11b) and Wireless-G (802.11g) Standards
- Easy-to-Use Setup Wizard
- Supports up to 128-bit WEP, WPA and WPA2 Encryption Security
- 32-bit PCI Interface
- Plug-and-Play Operation Provides Easy Setup
- Compatible with Microsoft Windows 2000 and XP



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Specifications

Model	WMP300N
Standards	IEEE 802.11b, IEEE 802.11g, Draft IEEE 802.11n, PCI 2.3
Channels	802.11b / 802.11g / Wireless-N (20MHz) 11 Channels (US, Canada) 13 Channels (Europe)
LED	ACT
Protocols	802.11b: CCK, QPSK, BPSK 802.11g: OFDM Wireless-N: BPSK, QPSK, 16-QAM, 64-QAM
Transmitted Power	802.11g: 12±1dBm (Typical); Wireless-N: 10±1dBm (Typical)
Receive Sensitivity	54Mbps @ -70dBm (Typical); Wireless-N @ -70dBm (Typical)
Security Features	WEP, WPA and WPA2 Encryption Security

Environmental

Dimensions	133 x 22 x 121 mm
Weight	62 g
Certification	FCC, Wi-Fi (802.11 b/g)
Operating Temp.	0 to 50°C
Storage Temp.	-25 to 70°C
Operating Humidity	10 to 80% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-N PCI Adapter
- External Antenna
- Setup Wizard CD-ROM
- User Guide on CD-ROM
- Quick Installation

Minimum Requirements

- 600 MHz or Faster PC
- 256 MB of RAM Memory
- CD-ROM Drive
- Available PCI Slot for Wireless-N PCI Adapter
- Windows 2000 or XP with Service Pack 1 (or later)

The maximum performance for wireless is derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

Specifications are subject to change without notice.

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