

High-speed Wireless-N networking for your desktop computer

The Linksys Wireless-N PCI Adapter installs in most desktop and tower PCs, and lets you put your computer almost anywhere in the building without the cost and hassle of running network cables. Now you don't have to drill holes in your walls and climb through the attic or cellar to get connected to the network.

The Wireless-N PCI Adapter uses the very latest wireless networking technology, Wireless-N (draft 802.11n). By overlaying the signals of multiple radios, Wireless-N's "Multiple In, Multiple Out" (MIMO) technology multiplies the effective data rate. Unlike ordinary wireless networking technologies that are confused by signal reflections, MIMO actually uses these reflections to increase the range and reduce "dead spots" in the wireless coverage area. The robust signal travels farther, maintaining wireless connections up to 4 times farther than standard Wireless-G.

With Wireless-N, the farther away you are, the more speed advantage you get. It works great with standard Wireless-G and -B equipment, but when both ends of the wireless link are Wireless-N, the throughput can be increased even more by using twice as much radio band, yielding speeds up to 12 times as fast as standard Wireless-G.

Once you're connected, you can surf the web, keep in touch with your e-mail, and share files and other resources such as printers and network storage with other computers on the network. To protect your data and privacy, your wireless connection is secured by up to 256-bit encryption. The included Setup Wizard will walk you through configuring the adapter to your network's settings, step by step.

The incredible speed of Wireless-N makes it ideal for media-centric applications like streaming video, gaming, and Voice over IP telephony, and gives you plenty of headroom to run multiple media-intense data streams through the network at the same time, with no degradation in performance. So don't hassle with running cables through your house — get your desktop connected the easy way with the Linksys Wireless-N PCI Adapter.



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 with up to 256-bit encryption

Wireless-N

PCI Adapter

Product Data



Wireless-N

PCI Adapter

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 256-bit wireless encryption
- 32-bit PCI Interface
- Plug-and-Play Operation Provides Easy Setup
- Compatible with Microsoft Windows 2000 and XP

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	Up to 256-bit wireless encryption

Environmental

Dimensions	5.24" x 0.87" x 4.76" (133 x 22 x 121 mm)
Weight	2.19 oz. (0.062 kg)
Certification	FCC
Operating Temp.	0°C to 50°C (32°F to 122°F)
Storage Temp.	-25°C to 70°C (-13°F to 158°F)
Operating Humidity	10% to 80% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing

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Linksys products are available in more than 50 countries, supported by 12 Linksys Regional Offices throughout the world. For a complete list of local Linksys Sales and Technical Support contacts, visit our Worldwide Web Site at www.linksys.com.

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)

Package Contents

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

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WMP300N-DS-PSK-60425NC JL

Model

WMP300N