

Get in the fast lane

The Wireless-N PCI Adapter with Dual-Band adds wireless connectivity to your desktop computer. Install it in an available slot in your computer, and enjoy high-speed wireless network access without running wires.

Flexible Power

Wireless-N technology uses multiple radios per band to create robust signals for great speed and range, with reduced dead spots. The Dual-Band PCI Adapter operates in the 2.4 and 5 GHz radio bands—choose the one with least congestion in your area. Offers optimal performance when connected to Wireless-N but also connects to Wireless-G, -B, and -A networks.

Quick Setup

Get connected quickly. Installs in your computer's PCI slot. Step-by-step Setup Wizard helps configure your network settings.

Powerful Protection

Industrial-strength WPA2 encryption helps keep your communications and information private.

DATASHEET

#1 choice for consumer wireless networking worldwide

Connect from farther away—network faster than ever before*

Built for today's needs and tomorrow's digital home

Easy installation and setup—up and running in minutes



Wireless-N PCI Adapter with Dual-Band

Model: WMP600N

Features

- High-speed Dual-Band Wireless-N (Draft 802.11n) networking for your desktop PC
- Supports up to 128-bit encryption security
- MIMO technology uses multiple radios to create a robust signal that travels farther and reduces dead spots
- Easy to use Setup Wizard
- Performance Investment Protection: Compatibility with Wireless-A (802.11a), Wireless-B (802.11b) and Wireless-G (802.11g) Standards
- Compatible with Windows XP, Vista, or Vista 64-bit

Specifications

Model	WMP600N	
Standards	IEEE 802.11a/b/g, IEEE 802.11n Draft 2.0	
LEDs	Link/Act	
# of Antennas	2 External Dipole Antennas	
Connector type	R-SMA	
Detachable (y/n)	yes	
RF Pwr (EIRP) in dBm	802.11n @ 2.4GHz:	13.5dBm ±1dBm
	802.11n @ 5GHz:	12dBm ±1.5dBm
	802.11g:	13.5dBm ±1dBm
	802.11a:	12dBm ±1.5dBm
Receive Sensitivity	802.11a/g 16Mbps:	10-5 BER @ -90dBm, typical
	802.11a/g 54Mbps:	10-5 BER @ -72dBm, typical
	802.11n BW 20MHz:	MCS8 10-5 BER @ -90dBm, typical
	802.11n BW 20MHz:	MCS15 10-5 BER @ -70dBm, typical
	802.11n BW 40MHz:	MCS8 10-5 BER @ -85dBm, typical
	802.11n BW 40MHz:	MCS15 10-5 BER @ -65dBm, typical
Antenna Gain in dBi	802.11g @ 2.4GHz:	2dBi
	802.11a @ 5GHz:	2dBi
Security features	WEP, WPA & WPA2 Personal, WPA & WPA2 Enterprise	
Security key bits	Up to 128-bit encryption	

Environmental

Dimensions	4.72" x 2.54" x .06" (119.9 x 64.4 x 1.6 mm)
Weight	3.25 oz (92 g)
Certification	FCC, UL, IC, CE, RoHS, Wi-Fi a/b/g/n Draft 2.0
Operating Temp.	32 to 113°F (0 to 45°C)
Storage Temp.	-4 to 158°F (-20 to 70°C)
Operating Humidity	10 to 85% Noncondensing
Storage Humidity	5 to 90% Noncondensing

Package Contents

- Wireless-N PCI Adapter with Dual-Band
- Setup Wizard CD
- User Guide on CD
- Quick Installation Guide
- Antennas (2)
- Low-Profile Bracket

Minimum Requirements

- 600 MHz or Faster PC
- 512 MB of RAM
- CD Drive
- Available PCI Slot
- Up-to-date Windows XP, Vista or Vista 64-bit Edition



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*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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