

# PCI Wireless Network Adaptor

802.11g

54 Mbps  
Wireless



Cut the cable and let your PC go wireless

Fully Wi-Fi compatible with 54Mbps IEEE 802.11g 2.4GHz

Automatically sets optimum data rates for reliability, throughput and connectivity

Removeable high-gain antenna | Straightforward installation with plain English Guide

Up to 128-bit WEP data encryption for security | Drivers support Windows® 98, 2000, Me and XP

Add the latest Wi-Fi wireless functionality to your desktop PC with this top-rating NetComm Wireless Networking Adaptor.

As more networks choose the ease and flexibility of wireless, your desktop PC can join in the fun – simply by slotting in this fully compatible, highly secure NetComm Wireless Networking Adaptor.

Wi-Fi compatibility means you can connect to and work in harmony with any other 802.11g or 802.11b wireless device, including routers, Wireless Access Points, laptops with wireless built in, and other Wireless Adaptors.

Installation is straightforward. With full PCI 2.1 compatibility, the Adaptor just slips into a vacant PC slot in your PC. And with driver support for Windows® XP, 2000, Me and 98, you'll be up and wireless in no time at all.

## BENEFITS

Place your PC anywhere within the wireless range – no need for cables

Communicate with wireless-enabled laptops

Enjoy the security of 128-bit WEP, encrypting your data as it moves around the network

Set it up yourself with NetComm's plain English installation Guide

Set and forget – full Wi-Fi compliance means you can just enjoy your wireless capability without having to worry about resetting or compatibility issues

## KEY FEATURES

Compatible with Wi-Fi IEEE 802.11g and IEEE 802.11b standards for wireless Ethernet at up to 54Mbps

Dynamic data rate scaling at 54, 11, 5.5, 2 and 1Mbps

Automatic data rate switching for maximum reliability, throughput and connectivity

The latest 128-bit WEP encryption ensures the security of your data

32-bit PCI interface means outstanding performance and reliability

Complete with drivers for Windows® 98, 2000, ME and XP

Removeable high-gain antenna

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### SPECIFICATIONS

#### PHYSICAL SPECIFICATIONS

Type	32-bit / 5V PCI interface
Standards	IEEE802.11b, 802.11g WLAN Standard PCI Local Bus 2.1 Compliance
Antenna I/F	One reversed SMA connector
Antenna	One External 5dbi Dipole
Antenna with reversed	SMA connector
Power Consumption	TX: 440mA RX: 300mA
Dimensions (mm)	120 x 84 x 14mm (l x w x h)
Weight (g)	Adaptor: 79g 5dbi Antenna: 20g

#### RADIO SPECIFICATIONS

Operating Frequency	2.4-2.4835GHz
Data Rate	54Mbps/48Mbps/36Mbps/ 24Mbps/12Mbps/11Mbps/ 9Mbps/6Mbps/5.5Mbps/ 2Mbps/1Mbps
Modulation Technique	BPSK / QPSK / CCK / OFDM;
Output Power	Minimum 15 dBm at 11Mbps CCK Minimum 11 dBm at 54Mbps OFDM
Receiver Sensitivity	-83dBm @ CCK -68dBm @ OFDM
Coverage Area	Indoor 100m Outdoor 400m

#### SOFTWARE SPECIFICATIONS

Device Drivers	Support Windows® 98/ 2000/XP/ME
Encryption	Support 64-bit & 128-bit WEP encryption
Network Architecture	Infrastructure & Ad Hoc

### SPECIFICATIONS

#### ENVIRONMENTAL

Operating Temperature	0° to 50°
Storage Temperature	-25° to 70°
Relative humidity	10% to 90% non-condensing

#### LEDs

**POWER (Green):** Indicates that the adaptor is powered on when the LED lights up.

**LINK (Green):** Indicates link status. The LED lights up while the wireless connection is linked. If there is wireless data transmitting/ receiving, the light blinks.

### SYSTEM REQUIREMENTS

Microsoft Windows® 95/98/ME/2000/NT4.0/XP  
Pentium-Class 300MHz or higher desktop PC with CD-ROM drive and one free PCI slot

### PACKAGE CONTENTS

**NP5420** 54Mbps 32-Bit PCI Wireless Networking Adaptor  
High-gain antenna  
Driver & utility CD  
Installation Guide

### 3 YEAR WARRANTY\*

1 year warranty out of the box. Extra 2 years **FREE** with online registration at [www.netcomm.com.au](http://www.netcomm.com.au)

\*Conditional upon registration online.

Your Netcomm dealer:

NetComm is Australia's dynamic data communications and networking solutions provider. For more information on this and other NetComm products, please visit [www.netcomm.com.au](http://www.netcomm.com.au)

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