

NP7042 Wireless LAN USB



SPEED, SECURITY & FREEDOM!

NetComm's Wireless LAN USB Adaptor is part of the sophisticated NetComm Wireless LAN system. All you need to maintain full LAN services is a NetComm Access Point base station (sold separately) connected to your Ethernet Network and this Adaptor installed in a USB port in your notebook or PC. Alternatively you can configure a Peer-to-Peer network connection with another Notebook or PC which has an 11Mbps Wireless LAN adaptor – the freedom is yours.

NetComm ensures compatibility with other Wireless products by adopting the International interface standard for Wireless Networking – 11Mbps IEEE802.11b.

To ensure your added security and privacy, NetComm has integrated the latest 64 and 128-bit WEP encryption technology to make sure your data remains on your LAN and does not end up in the wrong hands.

CHECK THESE GREAT FEATURES

- Connect your PC to a wireless LAN via a USB port
- IEEE 802.11b Direct Sequence Standard Compliant
- Supports 11Mbps, 5.5, 2 and 1Mbps auto fallback Data Rate
- 64 and 128-bit Wired Equivalent Privacy (WEP) data encryption
- Supports Windows® 98, 2000, ME, XP
- Intuitive graphical user interface (GUI) for easy configuration

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TECHNICAL SPECIFICATIONS

Network Standard

IEEE 802.11b

Radio Data Rate

11/5.5/2/1Mbps
– auto sense

Wireless Medium

Direct Sequence Spread Spectrum
(DSSS)

Frequency Band

2.4GHz Frequency Band

Modulation Technique

DBPSK@1Mbps, DQPSK@2Mbps,
CCK@5.5Mbps and 11Mbps

Wired Equivalent Privacy (WEP)

64-bit data encryption
128-bit data encryption

Antenna

Integrated microstrip dual diversity

Receive Sensitivity (8% PER)

-84dBm@11Mbps
-87dBm@5.5Mbps
-89dBm@2Mbps
-91dBm@1Mbps

Transmit Power

Minimum 13dBm typically

Voltage Required

5 V / Powered from USB Port

Operating Environment

Temperature:
0~40° (operating)
-25~70° (storage)
Humidity (non-condensing):
10~95% RH

3 YEAR WARRANTY*

1 year warranty out of the box.
Extra 2 years **FREE** with online
registration at www.netcomm.com.au

* Conditional upon registration online.



OPERATING RANGE

Indoor environment:

11Mbps 35 metres
5.5Mbps 60 metres
2Mbps 80 metres
1Mbps 100 metres

Outdoor environment:

11Mbps 100 metres
5.5Mbps 200 metres
2Mbps 250 metres
1Mbps 300 metres
Dependent upon environment

CERTIFICATION

- C-tick (Australia)

DIMENSIONS

- (L x W x H): 86 x 61 x 14mm
- Weight: 50g

SYSTEM INTERFACE

- USB 1.0/1.1 Specification

SYSTEM REQUIREMENTS

- USB 1.0 or 1.1 port
- Windows® 98/2000/ME/XP

DRIVER SUPPORT

- Windows® 98/2000/ME/XP

PACKAGE CONTENTS

- NP7042 Wireless LAN USB Adaptor with integrated USB cable
- Driver and utility CD
- Quick Start User Guide and Installation Guide

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

NetComm Limited ABN 85 002 490 486

PO Box 1200, Lane Cove NSW 2066 Australia.

PHONE (02) 9424 2070 • FAX (02) 9424 2010

www.netcomm.com.au • EMAIL sales@netcomm.com.au

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