

# Wireless LAN Access Point



## SPEED, SECURITY & FREEDOM!

Now you can create a Wireless LAN in your office or home, quickly and easily. NetComm's Wireless LAN Access Point allows you to break the chains that tie you to a desk and discover the world of secure, high-speed Wireless Networking.

Highly flexible and scalable, NetComm's NP6800 Access Point is a key building block for a basic or sophisticated Wireless LAN that typically supports up to 35 wireless devices.\*

With this NetComm Access Point base station connected to your Ethernet Network, you can maintain full LAN services to PCs, laptops or PDAs equipped with any of these wireless devices (all sold separately):

- NetComm's PCMCIA Wireless LAN Adaptor
- NetComm's USB Wireless LAN Adaptor
- NetComm's Wireless Router

\* Performance will reduce as more wireless devices are connected.

To ensure its complete versatility, this NetComm Wireless LAN Access Point is compatible with any wireless LAN device adopting the International interface standard for Wireless Networking – 11Mbps IEEE802.11b.

To ensure your added security and privacy, NetComm has integrated the latest 128-bit WEP encryption technology to make sure your data is delivered intact to the user it was meant for.

### CHECK THESE GREAT FEATURES

- Flexible Integration for Infrastructure, Client, Point & MultiPoint Bridge Modes
- Security with the latest 128-bit WEP encryption
- Compatibility utilising the IEEE ratified 802.11b Wireless and 802.3 Ethernet standards
- Auto Fallback providing optimised reliability, throughput and transmission range

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## TECHNICAL SPECIFICATIONS

<b>Standard Compliant</b>	IEEE 802.11b Standard IEEE 802.3 Standard USB 1.0 Specification
<b>Data Transmission Rate</b>	11/5.5/2/1Mbps on wireless interface; 10Mbps on Ethernet interface
<b>Security</b>	WEP 128-bit encryption
<b>Frequency Band</b>	2400-2497 MHz
<b>Wireless Medium</b>	Direct Sequence Spread Spectrum (DSSS)
<b>Modulation Technique</b>	DBPSK@1Mbps, DQPSK@2Mbps, CCK@5.5 and 11Mbps
<b>Operational Modes</b>	Access Point – Infrastructure Client Adaptor Mode Point to Point Bridge Point to Multi Point Bridge
<b>Operational Settings</b>	ESSID SSID Broadcasting Channel selection Fragmentation Threshold RTS Threshold Authentication Type Preamble type Data Rate Auto Rate Fall Back Regulatory Domain Mac Address Filtering SNMP Traps Wireless & Ethernet Statistics
<b>Antenna</b>	Two built-in dipole antennas
<b>Output Power</b>	13dBm



## 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.



### 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

### Dimensions

(L x W x H): 140 x 115 x 30mm; Weight: 170g

### System Interface

Ethernet interface RJ-45-10Mbps.  
USB 1.1 interface as console port for local  
configuration and firmware upgrade.

### Operating Systems Support

Windows® 98se, ME, 2000 or XP.

### System Requirements

- PC with USB 1.1 and 10/100 Ethernet ports.
- Windows 98se, ME, 2000 or XP.
- 5Mbytes of free disk space for Utilities, drivers and manuals.
- A 10/100 Cat 3 or better RJ45 network connection.

## PACKAGE CONTENTS

Wireless LAN Access Point

Quick Start User Guide

Driver CD

USB Cable

Cat 5 Network Cable

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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