

# NB1300 ADSL Modem



## CONNECT AND SHARE A HIGH-SPEED ADSL CONNECTION

The NB1300 opens the world of affordable, high-speed Internet access for your home or office network. ADSL is here – wait no longer.

### E-MAIL AND INTERNET – INSTANTLY

Now you can enjoy the Internet and email at high speeds up to 100 times faster than a 56K modem. And with the Always On service of ADSL, email and the Internet are at your fingertips – all day, every day. Now every office can enjoy the cost-savings and productivity benefits of instant email and Internet access.

### EASY TO SET UP, YET FULLY FEATURED

The NB1300 is fully compatible with and ready for all major Australian ISPs, so it's simple, straightforward and quick to set up. The NB1300 is also fully featured, so that the advanced user can deploy special applications such as Static IP and bridging.

### USE YOUR EXISTING TELEPHONE LINE

ADSL uses a single ordinary telephone line, so there are no new cables or special lines to install. Better still, you can continue to use the phone line for voice or fax even after ADSL is installed (you must install a microfilter or Pots Splitter to utilise your ADSL line for telephone functions).

### SHARE A SINGLE ADSL CONNECTION

Your entire network can enjoy fast ADSL access via a single ADSL connection using the integrated NAT routing functions.

### SECURE NAT/PAT & DHCP FUNCTIONS

The NB1300 acts as a comprehensive router, employing NAT/PAT (network/port address translation) and DHCP allocation of IP addresses to protect your network from Internet attack.

## CHECK THESE GREAT FEATURES

- Ethernet ADSL Modem with full integrated Router
- 10/100 Ethernet and USB ports – usable simultaneously
- Fully ACA (A-Tick) & Telstra (IP1149) approved – compatible with all major ISPs and Operating Systems\*
- Embedded PPPoE – no need to purchase additional connection software
- NAT security to protect your computers from Internet attack

## 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.

# NB1300 ADSL Modem



On/off switch    Power jack for AC power adaptor    RJ45 for 10/100 Ethernet LAN connection    USB data port    RJ11 for ADSL connection to telephone line

## SPECIFICATIONS

### PHYSICAL INTERFACE

- Dimensions: Depth: 137mm, Height: 25mm, Width: 170mm
- 1 x RJ-11 for ADSL connection
- 1 x RJ-45 for 10/100BaseT auto sensing Ethernet LAN compliant with IEEE 802.3
- 1 x Power Jack for AC power adaptor
- 1 x USB connector (USB cable not included).
- Status LEDs indicating Ethernet and ADSL activity
- On/Off Switch.
- Recessed Reset/Factory Defaults button.

### ENVIRONMENT

- Operational Ambient Temperature: 0-50° C
- Relative Humidity: 5%-95% (non-condensed)

### POWER

- 240V AC adaptor to 12VAC 1A
- Power consumption: 7W

### COMPLIANCE

- A-Tick
- Telstra (IP1149)

## OPERATING SYSTEM INDEPENDENT

NB1300 is designed to work with a wide range of operating systems such as Windows® 95\*/98/ME/NT\*/2000 /XP, Apple Macintosh\*, Linux\* and any system running TCP/IP\*.

\* USB is not supported in these Operating Systems.

## WAN CONNECTION TYPES

- PPP over ATM – PPPoA (RFC 2364)
- PPPoE (RFC 2516)
- Classical IP over ATM (RFC1577)
- Multi-Protocol Over AAL5 (RFC 1483)
- ATM Forum UNI Version 3.1 & 4.0 PVC
- Support VC-based and LLC multiplexing for up to 8 Virtual Circuits
- LLC / VC Mux or No Encapsulation (depending on protocol used).
- PAP (RFC 1334)
- CHAP (RFC 1994)

## DSL STANDARD COMPLIANCE

- ADSL (ANSI T1.413 Issue 2)
- G.992.1 (G.dmt)
- G.992.2 (G.lite)
- G.992 Annex A
- DMT Issue 2 frequency modulation-based ADSL physical layer
- ADSL Max receive data rates up to 8.032 Mbps and Max transmit data rate up to 832 Kbps.
- ATM cell delineation adherent to ITU-T I.432
- Supports ATM Forum-compliant PVC

## SOFTWARE FEATURES

### ROUTING

- RIP 1 & 2 (Dynamic Routing)
- Static routing
- DHCP Server (RFC 2131, RFC 2132)
- DHCP Relay
- DNS
- NAT/ PAT supported
- IGMP for IP Multicast
- DMZ Host
- PPTP pass through

### BRIDGING

- IEEE 802.1D Transparent learning bridge
- Ethernet over ATM PVCs (RFC 1483)
- PPP BCP
- IEEE 802.Q pass through

### SECURITY

- Mac Address Filtering
- Username and Password required for HTML management pages.
- SNMP Community strings

### MANAGEMENT

- HTML browser interface for Web-based management via LAN (Password-secured)
- Remote Web-based management via internet (Selectable/Password-secured).
- Software upgrade and configuration backup with TFTP client
- SNMP & MIB
- Logging and status pages

## PACKAGE CONTENTS

NB1300 ADSL Ethernet USB Modem/Router

Power adaptor

Quick Start Guide

Driver & Manuals CD-ROM

Cat-5 crossover Ethernet Cable

ADSL phone line 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)

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](http://www.netcomm.com.au) • EMAIL [sales@netcomm.com.au](mailto:sales@netcomm.com.au)

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