NetComm®

ADSL Modem PLUS 4

NB1300 *PLUS 4*

Ethernet/USB ADSL Modem with Integrated Router & 10/100 4-Port Switch

Plus 4-Port 10/100 Switch

NAT Firewall Protection

MICRO FILTER INSIDE
Use your existing phone line

Connect and share a high-speed ADSL connection

Affordable, high-speed, shared Internet access for your home or office network is yours – with the NB1300 *PLUS 4*. ADSL is here. Wait no longer. Share it today.

SHARE A SINGLE ADSL CONNECTION

The integrated NAT routing functions and built-in 4-port 10/100 Ethernet switch mean you can share a single ADSL connection from the day you install it.

EMAIL AND INTERNET – INSTANTLY

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

EASY TO SET UP, YET FULLY FEATURED

The **NB1300 *PLUS 4*** is fully compatible with – and ready for – all major Australian ISPs, so it's simple, straightforward and quick to set up. The **NB1300 *PLUS 4*** 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 the included microfilter to use your ADSL line for telephone functions.

SECURE NAT/PAT & DHCP FUNCTIONS

The **NB1300 *PLUS 4*** 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.

OPERATING SYSTEM INDEPENDENT

NB1300 *PLUS 4* is designed to work with a wide range of operating systems such as Windows® 95/98/ME/NT/2000/XP, Mac OSX, Mac OS9, Linux and any system running TCP/IP·
USB is <u>only</u> supported in Windows® 98/ME/2000/XP and Mac OSX.

KEY FEATURES

Ethernet/USB ADSL Modem with full integrated Router

10/100 Ethernet and USB ports – usable simultaneously (now supports Mac OSX for USB)

10/100 4-Port Switch

NAT Firewall security to protect your computers from Internet attack

MicroFilter included so you can use your existing phone line

Connect in 4 clicks with EasiConfig*
*4 clicks refers to standard EasiConfig ISP profiles

Fully ACA (A-Tick) & Telstra (IP1149) approved – compatible with all major ISPs and Operating Systems*
*USB is <u>only</u> supported in Windows® 98/ME/2000/XP and Mac OSX

ADSL Modem PLUS 4

SOFTWARE FEATURES

ROUTING
- RIP 1 & 2 (Dynamic Routing)
- Static routing
- Port Forwarding
- DHCP Server (RFC 2131, RFC 2132)
- DHCP Relay
- DNS Proxy
- NAT/ PAT supported
- IGMP for IP Multicast
- DMZ Host
- VPN pass through (PPTP/L2TP), IPSec

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

SECURITY
- Mac Address Filtering
- Username and Password required for HTML management pages.

MANAGEMENT
- HTML browser interface for Web-based management via LAN (Password-secured)
- SNMP
- Telnet
- Easy Config Software Wizard
- Remote Web-based management via internet (Selectable/Password-secured).
- Software upgrade and configuration backup
- Logging and status pages

SPECIFICATIONS

PHYSICAL INTERFACE
- Dimensions: Depth: 137mm, Height: 25mm, Width: 170mm
- 1 x RJ-11 for ADSL connection
- 4 x RJ-45 for 10/100BaseT auto sensing Ethernet LAN compliant with IEEE 802.3, Auto MDI/MDX
- 1 x Power Jack for AC power adaptor
- 1 x USB connector (USB cable 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 9VAC 800mA
- Power consumption: 7W

COMPLIANCE
- A-Tick (Telstra IP1149)

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

WAN CONNECTION TYPES

- PPP over ATM   (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)

PACKAGE CONTENTS

NB1300 *PLUS 4* ADSL Ethernet/USB Modem Router plus 4-Port Switch

Cat-5 RJ45 straight-through Ethernet cable

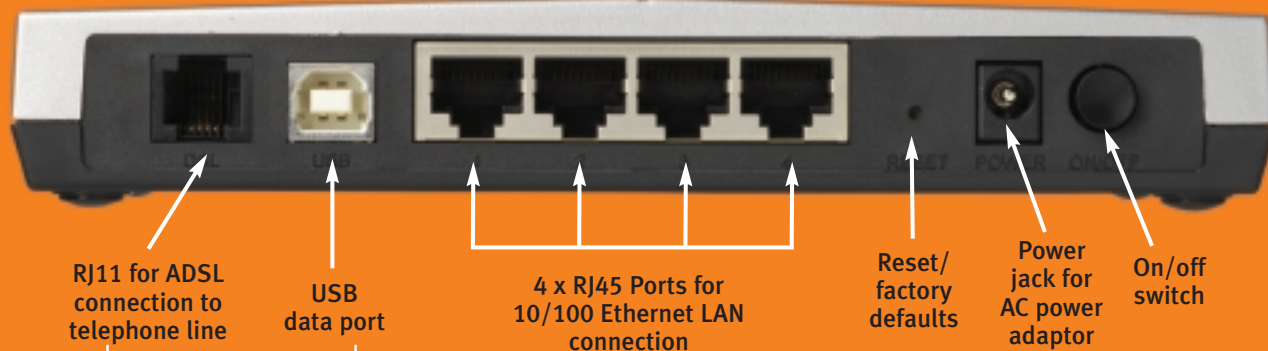USB connection cable

ADSL line cord

EM1100 MicroFilter

Power Pack 9VAC 800mA

User Guide

Driver & Manual CD-ROM

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.

RJ11 for ADSL connection to telephone line

USB data port

4 x RJ45 Ports for 10/100 Ethernet LAN connection

Reset/ factory defaults

Power jack for AC power adaptor

On/off switch

RJ45/USB ports can be used simultaneously