Firewall Router

NB3100 COMPACT

BROADBAND FIREWALL ROUTER WITH 10/100 4-PORT SWITCH

Active SPI & DoS Firewall

5 VPN end points

UNIVERSAL Plug & Play

router

Advanced firewall router for ADSL/Cable Internet sharing

The NB3100 COMPACT is designed to get Australians sharing the Internet easily and safely – without the need for technical expertise. Fully featured to cover a wide range of uses, it includes an Active Firewall to help protect your computers from attack and 5 VPN endpoints so you can connect to the office from home or anywhere in the world via the Internet.

EASY TO USE

NetComm's web-based One-Page-Setup means you do not need to install any drivers on your computer. All you need is a web browser, such as Internet Explorer, on any computer using any Operating System and you will be able to configure your connection.

SAFELY SHARE YOUR INTERNET CONNECTION

With just one ISP account and a Cable or ADSL modem, you can allow up to 253 Windows®, Macintosh or any other Ethernet-enabled computers safe access to the Internet to send and receive emails, surf the web and so on. The Active Firewall will guard against several forms of Denial of Service attacks as well as other types of hacking by using Stateful Packet Inspection technology (see side panels for details)

JOIN MORE THAN ONE COMPUTER

The convenience of a built-in fast Ethernet 4-port switch allows you to expand your network or connect more than one computer to your home network without having to purchase extra hardware.

MAKE USING THE INTERNET EASIER

Universal Plug and Play allows Internet applications such as MSN Messenger(c) to operate automatically over your firewall without the need for extra configuration.

JOIN NETWORKS AND COMPUTERS SECURELY

The NB3100 COMPACT supports automatic VPN pass-through to allow any existing VPN client applications to continue to work through your router. Alternatively you can use the five built-in IPsec end points to join to other office networks.

FIND FAULTS EASILY

To assist you in configuring your network and fault finding, NetComm has added Ping and Trace Route diagnostics to the NB3100 COMPACT.
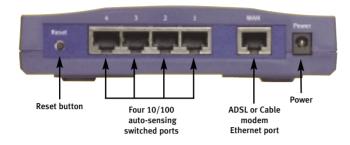
CHECK THESE GREAT FEATURES

- **Easy Web-based setup – specially designed for Australian ADSL & Cable service providers**

- **Advanced firewall to protect your PC or network from Internet hackers**

- **VPN endpoints to securely join networks or computers over the Internet**

- **High throughput routing and 4-port switch for performance you can rely on**

- **Local Australian support and reliability from Australia's own data communications company**

BROADBAND FIREWALL ROUTER WITH 10/100 4-PORT SWITCH

Reset button

Four 10/100 auto-sensing switched ports

ADSL or Cable modem Ethernet port

Power

TECHNICAL SPECIFICATIONS

Model Number		NB3100 COMPACT
Standards		IEEE 802.3 (10BaseT), IEEE 802.3u (100BaseTX)
Ports	WAN:	One 10/100 RJ-45 port
	LAN:	Four 10/100 RJ-45 ports
		All ports with auto cross-over detection
Protocol		TCP/IP, UDP, NAT,DHCP, PPPoE, Heartbeat, CHAP, PAP
Maximum Users		Up to 253 users
Cabling Type		UTP Category 5 or better
IP Setting	WAN:	DHCP client, Static IP
	LAN:	DHCP auto-assignment, Static IP

VPN Endpoints – IPSec
- Maximum tunnels: up to 5
- Local secure group: IP, Subnet or IP range.
- Remote secure group: IP, Subnet, IP range, Host or Any
- Remote security Gateway: IP, FQDN, Any
- Encryption: DES, 3DES or none
- Authentication: MD5, SHA or none
- Authentication method: Preshared key
- Key Management: Auto IKE (PFS or none) or Manual (Encry, Auth, In-SPI, Out SPI)

VPN Pass-through (NAT traversal)
- IPSec enable/disable
- PPTP enable/disable
- Concurrent sessions: up to 50 dependent on data

Firewall & Security
- Prevent Dos attack: Ping of Death, LAND, IP spoofing, SYN flood, IP Smurfing
- Stateful packet inspection (check inbound against outbound)
- NAT deny external Intruder

- ACL Filter: IP, MAC, URL keyword
- Block all: Proxy, Active X, Java /script, cookies, time of day/week

Management
- Web-based configuration
- Remote web-based configuration
- Admin Password login
- Fault tolerant TFTP upgradable firmware
- Reset button or Factory default reset
- SNMP

Inbound Routing
- Special Application (Port Triggering)
- Port Forwarding
- UPnP + Port Translation
- DMZ host / Multi DMZ.

LAN Routing
- Dynamic (RIP 1 & 2, independent Tx / Rx)
- Static

LED display	System:	Power,Diag
	WAN:	Link/Activity, 10Mbps or 100Mbps. Transaction
	LAN:	Link/Activity, 10Mbps or 100Mbps
Power		External, DC 5V, 2A

Environmental

Operating Temp	0 ~ 45˚C
Storage Temp	-20 ~ 60˚C
Humidity	0% ~ 90% Non-Condensing
Certifications	C-Tick
Dimensions	152 (L) x 90 (W) x 34mm (H)

System Requirements
Operating system independent – ideal for Windows®, Macintosh, Linux & TCP/IP systems

KEY FEATURES

- One-Page-Setup (covers PPPoE ADSL, Optus cable, DHCP, Telstra Cable Heartbeat, Static IP)
- Active Firewall featuring Stateful Packet Inspection (SPI) and prevention of DoS attack (see side panel)
- Network Address Translation (NAT)
- 5 VPN Endpoints
- VPN Pass-through or NAT Traversal (PPTP & IPSec enable/disable)
- Universal Plug & Play
- Ping Diagnostics
- Trace Route Diagnostics
- Back up & Restore Configuration
- Online Log viewer/Syslog reporting
- DDNS (Dynamic DNS)
- DHCP Server
- Access Control (ACL's by IP/Mac/ URL keyword)
- Port Forwarding
- Special Application (Port Triggering)
- DMZ host/Multi DMZ
- Web-based Administration (configuration)
- Remote Administration (via the Internet configuration)
- SNMP support (4 Communities, Enable/Disable)
- Dynamic Routing (RIP 1 & 2)
- Static Routing
- 1 + 2 Year Warranty*
  *Conditional upon registration online at www.netcomm.com.au

PACKAGE CONTENTS

NetComm NB3100 COMPACT ADSL/Cable Firewall Router

AC Power Adaptor

Quick Start Guide

Ethernet Cable

Your Netcomm dealer:

Internet

Cable or DSL modem

Up to 5 VPN Tunnels

NetComm NB3100 Compact Cable/DSL Firewall Router

Switch (Connect up to 253 users)

Remote PC or office

Mac   Unix   PC