



A member of NetComm's *PerformaPlus* series of high-end Internet hardware

- Ⓞ Fully-featured ADSL2+ Broadband Modem
- Ⓞ Integrated 11g Wireless Access Point with removable antenna
- Ⓞ Advanced Wireless Security – WEP, WPA, 802.1x
- Ⓞ Layer 3 QoS and up to 8 continuous PVCs
- Ⓞ Day-Time Parental Control
- Ⓞ 4-Port Ethernet Switch and USB Port
- Ⓞ Simple Web based setup and configuration

For demanding home and small business users wanting quality and performance from their broadband hardware, the ideal choice is NetComm's PerformaPlus NB8W modem router. The NB8W utilises an advanced BroadCom chipset providing a more robust integrated solution, with the latest ADSL2+ broadband technology and a comprehensive range of router, wireless and security features. It really delivers performance plus.

For added versatility, the NB8W includes a USB port, four 10/100 Ethernet switch ports and an 802.11g wireless access point making connection easy for both wired and wireless users. To further boost Internet performance, the NB8W supports up to 8 continuous virtual connections (PVC's) allowing for multiple simultaneous Internet connections.

Security is a key element in the NB8W with active firewall technology (SPI/DoS, packet filtering, parental and access control) and a host of Wireless security features including WEP, WPA and 802.1 x authentication.

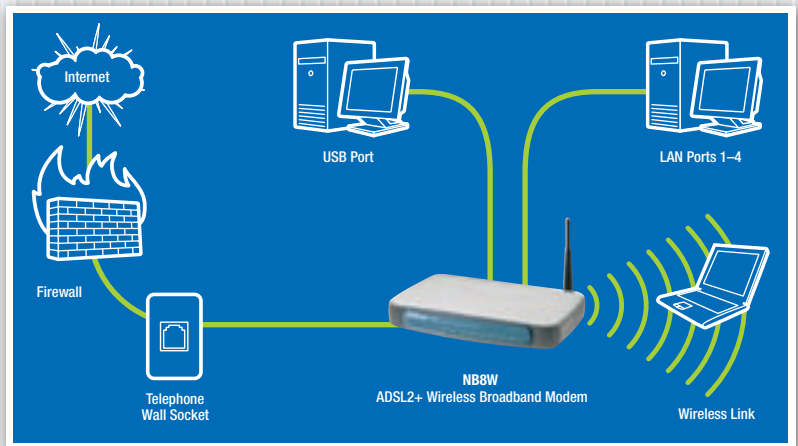
The NB8W introduces a Layer 3 QoS (Quality of Service) feature that gives you control over which types of outgoing data are given priority by the Router. For example, you can give priority to voice packets instead of data, making the NB8W ideal for use with VoIP.

NB8W ADSL2+ Broadband Modem Router

KEY FEATURES

- ⦿ Fully-featured ADSL2+ Broadband Modem
- ⦿ Integrated 11g Wireless Access Point with removable antenna
- ⦿ Advanced Wireless Security – WEP, WPA, 802.1x
- ⦿ Layer 3 QoS and up to 8 continuous PVCs
- ⦿ 4-Port Ethernet Switch and USB Port
- ⦿ Day-Time parental control
- ⦿ Simple Web based setup and configuration
- ⦿ Afterburner™ and Xpress™ Wireless Booster functionality*
- ⦿ Pre-configured PoA forwarding rules for popular games and applications
- ⦿ **3-YEAR WARRANTY WHEN YOU REGISTER ONLINE†**
1 year warranty out of the box. Extra 2 years FREE with online registration at www.netcomm.com.au

* Wireless adaptor dependent



TECHNICAL SPECIFICATIONS

NB8W PORTS

- 1 x ADSL Line port RJ-11 • 1 x USB port • 4 x LAN port RJ-45 IEEE 802.3 10/100 Base-T, Auto-crossing • 1 x Console port

WAN / LAN INTERFACE

- G.992.5 (ADSL2+) • G.992.3 (ADSL2) • G.992.1 • G.992.2 • ANSI T.413 Issue 2 • ATM QoS (UBR, CBR, VBR) • Multiple PVCs (up to 8 supported) • F4/F5 OAM Loop-backs / Send & Receive • AAL ATM Attributes - AAL5 • ATM UNI support: UNI3.1/4.0

ENCAPSULATION SUPPORT

- PPPoE (RFC2516) • RFC 2684 (RFC 1483) Bridge • RFC 2684 (RFC 1483) Route • PPPoA (RFC2364) • Classical IP over ATM (RFC1577)

NETWORK SUPPORT

- Port forwarding rules for popular games / applications
- Static IP, dynamic RIP v1 / v2 routing support, ARP
- IP/TCP/UDP/ICMP/ARP protocol support
- Network Address Translation (NAT)
- Port Address Translation (PAT)
- Port Triggering
- DMZ host
- Transparent bridging & learning (IEEE 802.1d)
- IGMP Proxy
- IGMP Snooping
- DHCP Server / Client / Relay
- DNS
- Authentication protocols: CHAP / PAP

- VPN (IPSec / PPTP / L2TP) pass-through
- QoS: Layer 3 policy-based / IPQoS / ToS (Type of Service)

SECURITY

- Stateful Packet Inspection (SPI) • Packet filtering
- Denial of Service (DoS) protection • Traffic conditioning
- WFQ-based bandwidth management (Congestion management) • HTTP proxy • Parental control
- Access Control • IP filtering • MAC filtering

WIRELESS

- IEEE 802.11g, backward compatible with 802.11b
- Encryption: 64, 128-bit Wired Equivalent Privacy (WEP), Wi-fi Protected Access (WPA) • 802.1x RADIUS Authentication • Channels: 13 Channels (Australia)
- Data Rate: Up to 54Mbps • 10, 25, 50, 100mW @ 22MHz channel bandwidth output power level adjustments
- MAC Address Filtering • XPress™ Technology
- Afterburner™ Technology* • 54g™ Mode
- Wi-Fi Multimedia (WMM) • Wireless Bridge (WDS)
- AP Isolation

MANAGEMENT SUPPORT

- Web-based GUI (LAN or remote) • 'root', 'support', 'user' access rights • SNMP agent • SNMP client • ILMI 4.0
- Configuration backup and restoration • Syslog (remote / local) • Software upgrade via TFTP, FTP • Local firmware upgrade via HTTP (Web GUI) • Telnet • SSH • Diagnostics report with troubleshooting help • Console port for advanced configuration and troubleshooting

LED

- Power, LAN 4, LAN 3, LAN 2, LAN 1, WLAN, USB, ADSL, Alarm

POWER SUPPLY

- External power adapter 240 V AC (input) ~ 18V DC/1.0A (output)

APPROVALS

- A-Tick N367

ENVIRONMENTAL CONDITIONS

- Operating temperature 0 ~ 50°Celsius • Relative humidity 5 ~ 90% (non-condensing)

DIMENSIONS

- 227 mm (W) x 40 mm (H) x 144 mm (D) (NB8W)

MINIMUM SYSTEM REQUIREMENTS

- ADSL Broadband service • RJ-11 line splitter and ADSL micro filter† • A PC with Ethernet port and Web browser

† NOTE: A micro filter is required if you plan on using your existing telephone service (landline) with the NB8W.

PACKAGE CONTENTS

- NB8W ADSL2+ Modem Router • 18V DC 1.0 Amps power supply • RJ-11 ADSL Line connection cable • RJ-45 10/100 Ethernet cable • USB cable • Driver/Manual & Utility Software CD • Package Contents List • Quick Start Guide

Your NetComm dealer:

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SHARE THE EXPERIENCE

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