NETCOMM GATEWAY™ SERIES
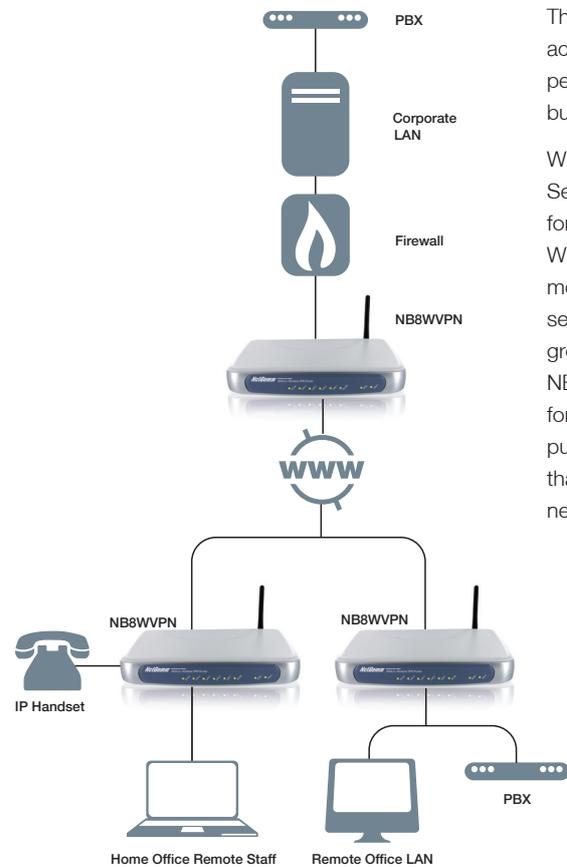# ADSL2+ Wireless G 4-Port VPN Modem Router

NetComm®

KEY FEATURES

- Support for up to 10 IPSec tunnels – Perfect for VPN connections
- Fully-featured ADSL2+ Broadband Router
- Integrated 11g Wireless Access Point
- Advanced Wireless Security – WEP, WPA, 802.1x, WPA2
- Layer 3 QoS and up to 16 continuous PVCs
- Day-Time Parental Control
- 4-Port Ethernet Switch
- Simple Web based setup and configuration
- Pre-configured Port forwarding rules for popular games and applications

Model Code/ Part Number	Description	APN Code
NB8WVPN	NetComm Gateway Series ADSL2+ Wireless 4-Port VPN Modem Router	9317773013290

NETCOMM GATEWAY™ SERIES
ADSL2+ Wireless G 4-Port VPN Modem Router

NetComm®

PBX

Corporate LAN

Firewall

NB8WVPN

www

NB8WVPN   NB8WVPN

IP Handset

PBX

Home Office Remote Staff   Remote Office LAN

The NB8WVPN is an extremely powerful Internet access device delivering top-line ADSL2+ performance and advanced features perfect for business and home users.

With support for up to 10 Internet Protocol Security (IPsec) tunnels the NB8WVPN is perfect for virtual private network (VPN) connections. With the increasing reliance on external staff members and remote offices, the need for secure connections to head office LANs is growing exponentially. With its VPN capability the NB8WVPN can give you secure communications for up to 10 users at any given time through the public Internet, providing you with the knowledge that only the people you allow access to your network can connect.

This powerful device also features 11g/54Mbps wireless for in office connections and 4 wired Ethernet connections and with support for AnnexM to greatly increase the available upstream bandwidth on connections that support it. Security is a key element in the NB8WVPN with active firewall technology (SPI/DoS, packet filtering and access control) and a host of wireless security features including WEP, WPA, WPA2 and 802.1 x authentication.

The NB8WVPN caters for the SMB market allowing for expansion of your business giving remote users access to your critical business information when and where they need it.

TECHNICAL SPECIFICATIONS

NB8WVPN PORTS
- 1 x ADSL Line port RJ-11
- 4 x LAN port RJ-45 IEEE 802.3 10/100 Base-T, Auto-crossing

WAN / LAN INTERFACE
- G.992.5 (ADSL2+)
- G.992.3 (ADSL2)
- G.992.1
- ANSI T.413 Issue 2 • ATM QoS (UBR, CBR, VBR)
- Multiple PVCs (up to 16 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 • VPN 10 IPSec terminations

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/WPA2)
- 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
- 54g™ Mode • Wireless Bridge (WDS)
- AP Isolation

MANAGEMENT SUPPORT
- Web-based GUI (LAN or remote)
- 'admin', 'support', 'user' access rights
- SNMP agent
- SNTP 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

LED
- Power, LAN 4, LAN 3, LAN 2, LAN 1, WLAN, 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 ~ 95% (non-condensing)

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