NetComm®
Broadband Solutions

NB5Plus4
4-Port ADSL2+ Modem Router

- ⊚ **Fast, safe and versatile ADSL Modem Router with both USB and 4 Ethernet Ports**
- ⊚ **Supports ADSL, ADSL2 and ADSL2+***
- ⊚ **Advanced Security Firewall (SPI) and VPN pass-through**
- ⊚ **Universal Plug & Play (UPnP) and Quality of Service (QoS)**
- ⊚ **Easy Set-up and Video Tutorials[†]**

Faster and greater reach

NetComm delivers access to the Next Generation of ADSL technology in ADSL2. ADSL2/2+ boosts broadband internet performance, improves interoperability, and supports new applications, services and deployment conditions.

NetComm's support of ADSL2/2+ ensures that the NB5Plus4 operates with existing ADSL services while delivering optimal performance in all modes of operation. Powered by the latest ADSL2/2+ Texas Instruments (TI) chipset, NetComm's NB5Plus4 increases downstream data rates by up to 50% (12Mbps) and 100% (24Mbps) for the 2+ mode ensuring that you can surf the net or download your files quicker than ever before.

Advanced security firewall & VPN pass-through

Security is a key issue with Broadband users and NetComm's NB5Plus4 does not leave you exposed. Employing the latest Active Firewall technology, the NB5Plus4 checks every packet of data that comes in, ensuring your defenses are rock-solid against hackers, unauthorised entries, probes and even Denial of Service attacks. What's more, the NB5Plus4 is equipped with a VPN pass-through feature allowing you to use a standard VPN client for Point-to-Point communication even while your Firewall is active.

Versatile and easy to connect

The NB5Plus4 delivers the connection versatility needed to cater for today's ADSL users. You can simply attach the NB5Plus4 to a single PC by using the USB port. Alternatively, should you wish to share your Internet connection with up to 253 users, the NB5Plus4 is equipped with an in-built Router and four 10/100 Ethernet ports for connection to a network system.

Port forwarding, Universal Plug & Play and QoS

The NB5Plus4's Port Forwarding and UPnP functions have made it easier for today's Internet users to configure and setup the myriad of Network Port Rules that Internet applications such as Online Gaming, Peer-To-Peer file sharing and Messenger services need to operate. The NB5Plus4 has a number of pre-configured rules for several online games – just click on the game you wish to play and the rest is done for you.

Also, the NB5Plus4 introduces a 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 data priority to voice packets, making the NB5Plus4 ideal for use with VoIP.

* Your ISP must support and provide you with an ADSL2 or ADSL2+ service for these features to be available. This product will operate as a standard ADSL Modem Router when an ADSL2 service is not available.
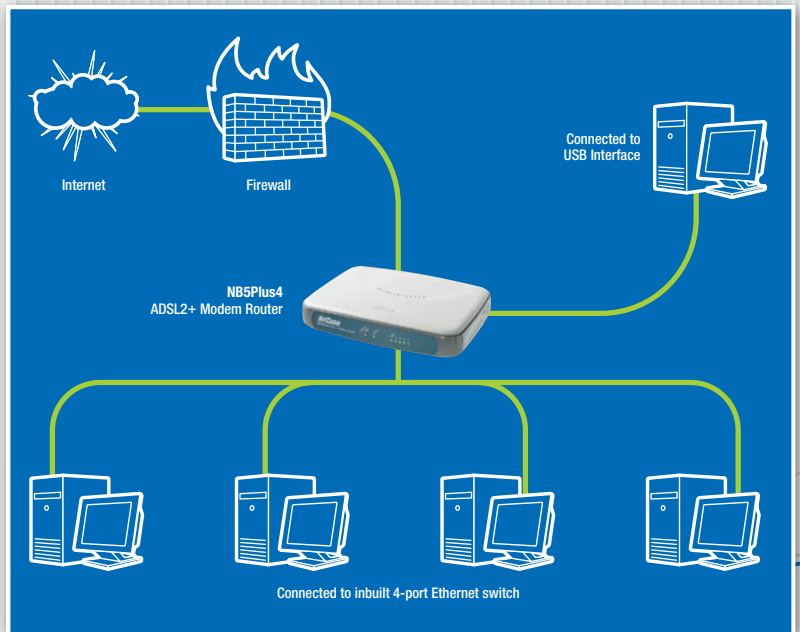
† Video Tutorials are available for download at **www.netcomm.com.au/Support**

USB | EasyConfig | VoIP Ready

NB5Plus4 4-Port ADSL2+ Modem Router

KEY FEATURES

⊘ ADSL2+ Modem Router: supports ADSL, ADSL2 and ADSL2+

⊘ Advanced Security Firewall (NAT, SPI and DoS support)

⊘ Fast, safe and versatile with both USB and four Ethernet switch ports

⊘ Universal Plug & Play (UPnP) and Quality of Service (QoS)

⊘ Easy Set-up and Video Tutorials

⊘ VPN pass through

⊘ VoIP ready

⊘ **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
(Conditional upon online registration)

Internet

Firewall

Connected to USB Interface

NB5Plus4 ADSL2+ Modem Router

Connected to inbuilt 4-port Ethernet switch

TECHNICAL SPECIFICATIONS

WAN/LAN INTERFACE
- ANSI T1.413 issue 2
- ITU-T G.992.1 (G.dmt) and G.992.2 (G.lite) compliant
- ADSL2/2+, G.992.3/G.992.5
- Rate Adaptive modem at 32 Kbps steps
- Dynamic Adaptive Equalisation to improve Carrier's service area
- Bridge Tap Mitigation support
- Turbo DSL support improving packet throughput performance by three times
- ATM Layer with Traffic shaping QoS Support (UBR, CBR, VBR-rt, VBR-nrt)
- AAL ATM Attributes – AAL5
- Multiple PVCs – up to 8 supported
- Spectral compatibility with POTS
- F5 OAM Loopbacks/Send and Receive

ENCAPSULATION SUPPORT
- RFC2684 Bridged and Routed LLC and VC Mux support
- RFC2364 PPPoA client support
- RFC2516 PPPoE client support
- RFC2225/RFC1577 classical IP support
- Transparent Bridge support
- PAP/CHAP/MS-CHAP for password authentication support

NETWORK SUPPORT
- Port Forwarding rules for popular games/applications
- Static IP, dynamic RIP routing support
- IP/TCP/UDP/ICMP/ARP/RARP application support
- Network Address Translation (NAT)

- Port mapping/forwarding
- IGMP Multicast
- SNTP
- NAT Application Level Gateway for popular applications
- DHCP Server/Relay/Client
- DNS Relay Agent
- DMZ support
- Single session IP Sec and PPTP/L2TP VPN pass-through support
- PPP Always On with configurable timeout

VoIP
- SIP version 1 & 2, H.323, MGCP support
- QoS support for voice packets

SECURITY
- NAT for basic firewall and sharing
- Packet Filtering firewall support
- Stateful Packet Inspection (SPI) support
- Protection against Denial of Service (DoS) attacks
- Password authentication to modem

MANAGEMENT SUPPORT
- Web-based HTTP management GUI (LAN or Remote)
- TFTP/FTP support for firmware upgrade
- Web-based firmware upgrade (Local)
- Soft Factory Reset button via Web GUI
- Diagnostic test (DSL, OAM, Network, Ping Test)
- Telnet/CLI (read only)

- SNMP
- Syslog support

HARDWARE
- Texas Instruments TNETD7300 single chip network processor line driver chipset
- Dying Gasp support
- A-Tick approval

PLATFORM SUPPORT
- Ethernet – OS independent: includes Windows®, Mac, Linux and UNIX
- USB – Windows® 98SE, ME, 2000, XP, 2003

LED INDICATORS
- 1 x PPP LED • 1 x Power LED • 1 x ADSL Link Status LED
- 4 x Ethernet Link/Activity Status LED • 1 x USB Status LED

PACKAGE CONTENTS
- NB5Plus4 ADSL2+ Modem Router
- 15V AC 1.0 Amp power supply
- RJ11 ADSL line connection cable
- RJ11 to 605 line adaptor
- RJ45 10/100 Ethernet cable
- USB connection cable
- Driver/Manual and Utility Software CD
- Package Contents List
- Quick Start Guide

Your NetComm dealer:

NetComm®
Broadband Solutions

SHARE THE EXPERIENCE