



- Supports ADSL, ADSL-2, upgradable to ADSL-2+*
- Advanced Security Firewall (SPI) and VPN pass-through
- Fast, safe and versatile ADSL Modem Router with both USB and Ethernet ports
- Universal Plug & Play (UPnP) and Quality of Service (QoS)
- Easy Set-up Wizard and Video Tutorials

ADSL / ADSL-2* Modem Router

➤ FASTER AND GREATER REACH

NetComm brings you the Next Generation of ADSL technology with ADSL-2*. ADSL-2* and 2+* boosts ADSL's performance, improves interoperability, and supports new applications, services and deployment conditions.

NetComm's implementation of ADSL-2* and ADSL-2+* ensures that the NB5 operates with existing ADSL services while delivering optimal performance in all modes of operation. Powered by the latest ADSL-2* TI chipset, NetComm's NB5 increases downstream data rates by up to 50% (12Mbps) and 100% (25Mbps) for Plus mode ensuring that you can surf the net or download your files quicker than ever before.

With support for RE-ADSL-2* (Reach Extended), the NB5 caters for those users who are outside the current range of an ADSL exchange by providing greater reach of ISP services. NetComm's NB5 is truly there for your ADSL future.

➤ ADVANCED SECURITY FIREWALL & VPN PASS-THROUGH

Security is a key issue with Broadband users and NetComm's NB5 does not leave you exposed. Employing the latest Active Firewall technology, the NB5 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 NB5 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 & EASY TO CONNECT

The NB5 delivers the connection versatility needed to cater for today's ADSL users. You can simply attach the NB5 to a single PC by using the USB port. Alternatively, should you wish to share your Internet connection with up to 253 users, the NB5 is equipped with an in-built Router and a 10/100 Ethernet port for connection to a network system. Best of all, when your ADSL service is upgraded to ADSL-2, you can upgrade your NB5 with a simple download.

➤ PORT FORWARDING, UNIVERSAL PLUG & PLAY & QoS

The NB5'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 NB5 has a number of pre-configured rules for several games – just click on the game you wish to play online and the rest is done for you.

Added to this, the NB5 introduces a QoS (Quality of Service) feature that gives you control over which types of outgoing data are given priority by the Router. With QoS, you can tailor your router settings to ensure that you can keep gaming or browsing even though your upstream bandwidth may be saturated by applications such as Peer-To-Peer file sharing.

* Your ISP must support and provide you with an ADSL-2, ADSL-2+ or RE-ADSL-2 service for these features to be available. This product will operate as a standard ADSL Modem Router when an ADSL-2 service is not available.

TECHNICAL SPECIFICATIONS

ADSL/ATM SUPPORT

- ANST 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 3 times
- ATM Layer with Traffic shaping QoS Support (UBR, CBR, VBR-rt, VBR-nrt)
- AAL ATM Attributes - AAL5
- Multiple PVC up to 8 support
- 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
- 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

SECURITY

- NAT for Basic Firewall and sharing
- Packet Filtering Firewall Support
- Stateful Packet Inspection Support
- Protection against Denial of Service attacks
- Password Authentication to Modem

MANAGEMENT SUPPORT

- Web-based HTTP management GUI
- TF TP/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)
- Syslog Support

HARDWARE

- Texas Instrument TNETD7300 Single Chip Network Processor/AFE/Line Driver Chipset • 2 MB Flash ROM
- 8 MB SDRAM • Dying Gasp Support
- ITU K.21 Support • A-Tick approval

PLATFORM SUPPORT

- For Ethernet – OS Independent: includes Windows®, Mac, Linux & UNIX
- For USB – Windows® 98SE, ME, 2000, XP, 2003

LED INDICATORS

- 1 x PPP LED • 1 x Power LED • 1 x DSL Link Status LED
- 1 x Ethernet Link/Activity Status LED • 1 x USB Status LED

PACKAGE CONTENTS

- NB5 ADSL/ADSL-2 Modem Router
- 9VDC 1.0 Amps power supply
- RJ-11 ADSL Line connection cable
- RJ11 to 605 Line adaptor.
- RJ45 10/100 Ethernet cable
- USB connection cable
- Driver/Manual/Video Tutorial & Utility Software CD
- Package Contents List
- Quick Start Guide



RJ11 for ADSL connection to telephone line USB data port RJ45 Port for 10/100 Ethernet LAN connection Reset/factory defaults Power jack for AC power adaptor

USB/RJ45 ports can be used simultaneously

KEY FEATURES

- Supports ADSL, ADSL-2* and ADSL-2+* upgradable.
- Advanced Security Firewall
- USB or Ethernet Connection
- Universal Plug & Play (UPnP) and Quality of Service (QoS)
- VPN pass-through
- Setup Wizard
- NetComm's Video Tutorial Guide on the NB5 is a step-by-step movie, complete with commentary, which walks you through the various configuration options to help you get up and running as quickly as possible
- **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 registration online)



SHARE THE  EXPERIENCE

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