ADSL2+ Modem Router

NetComm®

KEY FEATURES

➤ Fully featured ADSL2+ Broadband Modem for super fast Internet access

➤ Ethernet or USB connection

➤ Built in Firewall for security and peace of mind

➤ VPN Passthrough

➤ Supports ADSL, ADSL2 and ADSL2+

➤ UPnP™ and QoS

➤ Simple Web based setup and configuration

Model Code/ Part Number	Description	APN Code
NB6	NetComm Gateway Series ADSL2+ Modem Router	9317773011777

ADSL2+ Modem Router

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The NetComm Gateway Series is the perfect range for all users wanting to experience the full benefit of ADSL2+.

The **NetComm Gateway Series ADSL2+ Modem Router** is a dual interface router/modem that is capable of delivering high-speed internet access. With speeds of up to 24Mbps* watching movies, downloading music and online gaming becomes second nature with this powerful but compact device.

With all the features you expect from a quality modem/router the **ADSL2+ Modem Router** comes with a NAT firewall and QoS making it suitable for any use that requires prioritisation such as online gaming or VoIP.

The **ADSL2+ Modem Router** comes with a single Ethernet port for connecting to existing networks with the added convenience of a USB port for computers running Windows 98 SE/ME/2000/XP/ Vista without a network card. The **ADSL2+ Modem Router** is also Windows 7 compatible, making it the perfect choice if you're looking for a modem that will work with the new OS.

* Please note that actual speeds may differ and are dependent on your ISP

Power Point

Power Adapter

Telephone Wall Socket

Computer

Computer

TECHNICAL SPECIFICATIONS

ADSL COMPLIANCE

ADSL
- ANSI T1.413 Issue 2
- ITU G.992.1 Annex A (G.dmt)
- ITU G.992.2 Annex A (G.lite)
- ITU G.994.1 (G.hs)
- Maximum Rate: 8 Mbps downstream and 1 Mbps upstream

ADSL2
- ITU G.992.3
- ITU G.992.4
- Maximum Rate: 12 Mbps downstream and 1 Mbps upstream

ADSL2+
- ITU G.992.5
- ITU G.992.5 Annex M
- Maximum Rate: 24 Mbps downstream and 1.2 Mbps upstream

ATM
- PPPoA (RFC 2364) and PPPoA Bridged mode
- PPPoE (RFC 2516) and PPPoE Bridged mode
- IPoA (RFC 2225)
- Bridged mode over AAL5 (RFC2684/1483)
- ATM Forum UNI 3.1 / 4.0 compliant PVCs
- UBR and CBR with traffic shaping
- OAM F4/F5 loopback cells

BRIDGING
- IEEE 802.1d self-learning bridge
- Learning up to 4096 MAC addresses
- Transparent Bridging between 10/100 Ethernet and USB

ROUTING
- NAT / PAT allows multiple users to share Internet access
- UPnP IGD with NAT traversal capability
- Port Forwarding: users can setup multiple virtual servers (e.g., Web, FTP, Mail servers) on the local network.
- DNS Relay, Dynamic DNS
- DHCP Client/Relay/Server
- IGMP Proxy
- Support IP/Bridge QoS for different traffic classes
- Support reservation of bandwidth to guarantee voice quality of VoIP applications.

SUPPORTED APPLICATIONS
- Application Level Gateways preset for Auth/Ident, DNS, FTP, PPTP, IPSEC, POP3, SMTP, SSH, TELNET, TFTP & WEB servers. Multiple Virtual Servers can be setup in local network.
- VPN passthrough: PPTP & IPSEC.
- Netmeeting, MSN Messenger, FTP, Quick Time, mIRC, Real Player, CuSeeMe, online gaming.

SECURITY
- PAP, CHAP, and MS-CHAP for PPP authentication
- Firewall based on incoming & outgoing filtering of IP address/ Port number/Protocol type.
- Ping blocking from WAN.
- DMZ hosting.

CONFIGURATION AND MANAGEMENT
- Embedded web configuration interface with password protection
- Remote management control
- Telnet session for local or remote management
- System events logging
- DSL connection diagnostics
- Firmware upgrade via web browser
- User setting backup & restore

HARDWARE INTERFACE
- One RJ-11 port for ADSL connection
- One Ethernet port for IEEE 802.3/802.3u 10/100 Base-T auto-sensing, auto cross-over.
- One USB port compliant to USB v1.1
- One hidden reset button for restoring factory default settings

CHIPSET
- Broadcom BCM6332 single-chip ADSL2+.

REGULATORY APPROVAL AND COMPLIANCE
- ACA

POWER REQUIREMENT AND OPERATION

ENVIRONMENT REQUIREMENT
- Power Adaptor: Output 12 VDC, 0.5A
- Power Consumption: less than 5 W
- Ambient Temperature: 0 to 40°C
- Relative Humidity: 20% to 90% (non-condensing)

PHYSICAL
- Front Panel: 5 LED Indicators - Power, ADSL, PPP, Ethernet, USB
- Dimensions: 88mm(L) x 105mm(W) x 20mm(H)
- Weight: 58g