

NETCOMM GATEWAY™ SERIES ADSL2+ 4-Port Modem Router

NetComm®



KEY FEATURES

- Ⓞ Fully featured ADSL2+ Broadband Modem for super fast Internet access
- Ⓞ Four Ethernet ports for multiple wired connections
- Ⓞ 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
NB6Plus4	NetComm Gateway™ Series ADSL2+ 4-Port Modem Router	9317773012392

NETCOMM GATEWAY™ SERIES ADSL2+ 4-Port Modem Router

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

The NetComm Gateway Series ADSL2+ 4-Port Modem Router has a single built in 4 port ethernet switch, providing internet and file sharing between multiple computers

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



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)
- Support dying gasp
- 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 Mb 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.
- Static routing & dynamic routing RIPv1/v2
- 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.

SECURITY

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

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.
- Multiple VPN passthrough sessions
- NetMeeting, MSN Messenger, FTP, Quick Time, mIRC, Real Player, CuSeeMe, online gaming.

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
- TR069/TR104

HARDWARE INTERFACE

- One RJ-11 port for ADSL connection
- Four Ethernet ports for IEEE 802.3/802.3u 10/100 Base-T auto-sensing, auto cross-over
- One hidden reset button for restoring factory default settings
- One Power on/off button

CHIPSET

- Broadcom BCM6348 single-chip ADSL2+ with integrated MIPS32 CPU, transceiver & Analog Front End

LED

- USB, Ethernet 4, Ethernet 3, Ethernet 2, Ethernet 1, PPP, ADSL, Power

POWER SUPPLY

- External power adapter 12VAC/1.0A (output)

APPROVALS

- A-Tick N367

ENVIRONMENTAL CONDITIONS

- Operating temperature 0 – 40°Celsius
- Relative humidity 20 – 90% (non-condensing)

DIMENSIONS

- 190 mm (W) x 30 mm (H) x 150 mm (D)
- Weight: 320g

NetComm®

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