KEY FEATURES

- Fully featured ADSL2+ Broadband Modem for super fast Internet access
- Ethernet or USB connection
- Four Ethernet ports for multiple wired connections
- Wireless G Access Point
- 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
--- | --- | ---
NB6Plus4W | NetComm Gateway Series ADSL2+ Wireless G 4-Port Modem Router | 9317773011791
The NETCOMM GATEWAY SERIES is the perfect range for all users wanting to experience the full benefit of ADSL2+.

The NetComm Gateway Series ADSL2+ Wireless G 4-Port Modem Router is an ADSL2/2+ compatible router/modem/switch with a built in wireless access point, providing wireless internet and file sharing between multiple computers.

Watching movies, downloading music and online gaming becomes second nature with this fully featured device. Capable of delivering high-speed internet access of up to 24Mbps* this modem is perfect for bandwidth intensive activities. Included in its long list of features is an IP packet filtering firewall, WEP, WPA and WPA2 wireless encryption.

Four Ethernet ports are available for connecting to/creating a network, along with Wireless G and a USB port for computers without a network card. The Modern Router is also Windows 7 compatible, and is perfect if you’re looking for a product 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

• ANZS T1.413 Issue 2
• ITU G.992.1 Annex A (G. dmt)
• ITU G.992.2 Annex A (G.lite)
• ITU G.992.1 (G.h4)

• Supporting dynamic and static IP addressing
• Supporting ISDN BRI / PRI / V.35 and V.24
• Supporting D4bis as well as D4s (E1)

ADSL2

• ITU G.992.3
• ITU G.992.4
• Maximum Rate: 15 Mbps downstream and 1 Mbps upstream

ADSL2+

• ITU G.992.5
• ITU G.992.6 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
• Point-to-Point (RFC 2205)
• Bridged mode over AAL5 (RFC2684/1483)

ITU Forntun (UNI 3.1 / 4.0-compliant PVCs)

USB and DB9 with traffic shaping

OMI S45/55 loopback cells

Bridging

• IEEE 802.1d self-learning bridge
• Learning up to 4096 MAC addresses

Transparent Bridging between 10/100 Mb Ethernet and USB

Routnig

• NAT / PAT allows multiple-users to share internet access
• UPNP 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 RIPv2/v3

DNS/Relay, Dynamic DNS

• DHCP Client/Relay/Server

• IGMP Proxy

• Support IPBridge-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 addresses/Port number/Protocol type
• Port blocking from WAN
• DMZ hosting

Supported Applications

• Application Level Gateway preset for Auth/Ident, DNS, FTP, PPTP, IPSEC, POP3, SMTP, SSH, TELNET, TFTP & WEB servers. Multiple Virtual Servers can be setup on local network.
• Multiple VPN pass-through 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
• Tether 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 DSL connection
• One RJ-11 port for ADSL, connection
• IEEE 802.11g and 802.11b Wireless LAN interface
• Four Ethernet ports for IEEE 802.3/802.3u 10/100 Base-T auto-sensing, auto cross-over
• One USB port compliant to USB/1.1
• One hidden reset button for restoring factory default settings

Chipsset

• Broadcom BCM4348 single-chip ADSL2+ with integrated MIPS32 CPU, transceiver & Analog Front End
• Broadcom BCM4318 single-chip 802.11g wireless LAN solution

Wireless LAN

• Supports IEEE 802.11g and 802.11b
• Data Rates: 54, 48, 36, 24, 18, 12, 9, 6 Mbps for 802.11g and 11, 5.5, 2, 1 Mbps for 802.11b
• Diversity antenna system: one external antenna and one internal antenna
• Maximum RF output power: 15dBm for 802.11g
• Coverage Area: 802.11b: 150 meters; 802.11g: 85 meters
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Power Supply

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

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Approvals

• A-Tick N367
• ETL

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