NETCOMM GATEWAY™ SERIES
ADSL2+ Wireless G Modem Router

NetComm®

KEY FEATURES

- ⊗ Fully featured ADSL2+ Broadband Modem for super fast Internet access
- ⊗ Ethernet or USB single port connection
- ⊗ 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
NB6W	NetComm Gateway™ Series ADSL2+ Wireless G Modem Router	9317773011284

NETCOMM GATEWAY™ SERIES
ADSL2+ Wireless G Modem Router

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

The NetComm Gateway Series ADSL2+ Wireless G Modem Router is a single port ADSL/2/2+ compatible router/modem with a built in wireless access point, providing wireless 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

Power Point
Telephone Wall Socket
Power Adapter
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)
- 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
- Ping blocking from WAN
- 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

HARDWARE INTERFACE
- One RJ-11 port for ADSL connection
- IEEE 802.11g and 802.11b Wireless LAN interface
- 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 BCM6348 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:
  802.11g: LOS (Outdoors): Max. 50 meters; Indoors: Max. 20 meters
  802.11b: LOS (Outdoors): Max. 180 meters; Indoors: Max. 60 meters
- Support WEP (Wired Equivalent Privacy) RC4 with 64-bit or 128-bit key length
- Support Access Control List, only registered WLAN clients are allowed
- Support 802.1x, WPA-PSK, WPA, WPA2 & Mixed WAP/WPA2. Support SSID stealthing
- Support repeater function to extend coverage (WDS)
- Support client isolation for wireless hotspot

LED
- WLAN, USB, Ethernet, 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: 300g