

# NETCOMM LIBERTY™ SERIES 3G Wireless G Router

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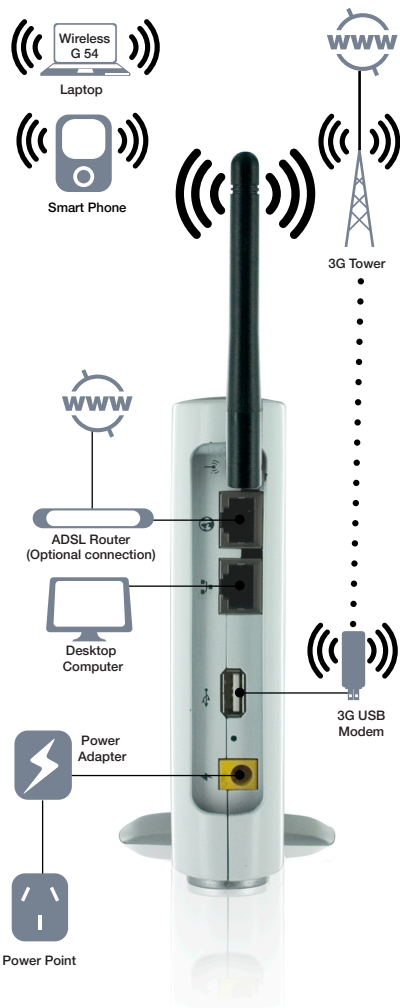
## KEY FEATURES

- Ⓧ Stylish and powerful wireless router with support for 3G Mobile Broadband
- Ⓧ Creates instant Wireless hotspots to share the Internet connection of a 3G USB modem or DSL/Cable modem
- Ⓧ Supports Wireless G standard with data speeds up to 54Mbps<sup>1</sup>
- Ⓧ One USB 2.0 host port supports 3G modems
- Ⓧ Compatible with all 3G/Next G™/UMTS/ HSPDA/ EV-DO/ USB modems from leading vendors
- Ⓧ One WAN port for alternate wired Internet connection (DSL/Cable/Satellite via Ethernet)
- Ⓧ One LAN port to connect wired devices like PCs or gaming consoles
- Ⓧ Ensures connectivity and business continuity with auto Internet failover from WAN port to 3G USB modem
- Ⓧ Full Wireless security - WEP, WPA, WPA2
- Ⓧ Browser based interface for configuration and management: OS independent and easy to use

Model Code/ Part Number	Description	APN Code
N3G007W	NetComm Liberty™ Series 3G Wireless G Router	9317773013351

# NETCOMM LIBERTY™ SERIES 3G Wireless G Router

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## Unleash the power of your 3G USB Modem to set up a wireless network wherever you need it.

The N3G007W mixes high quality features with a classy appearance in NetComm's latest offering in the 3G space. Connection to the Internet is achieved through either a 3G USB modem or via a fixed line xDSL/Cable/Satellite connection to the N3G007W's WAN port providing you with the flexibility to choose how you access the Internet. The N3G007W's automatic failover ensures you are always connected by activating 3G should the xDSL/Cable/Satellite connection drop out.

Users are able to share a single 3G connection via both wired and wireless with the N3G007W. With a built in 802.11g wireless access point, this router provides wireless speeds of up to 54Mbps<sup>1</sup>. On top of this, the N3G007W has one LAN ports for wired connections to multiple devices.

Rather than being restricted to certain USB modems, the N3G007W allows the user to choose from an extensive range of modems from most major 3G carriers (see [www.netcomm.com.au](http://www.netcomm.com.au) for compatibility list.)

The N3G007W includes advanced security features such as VPN pass-through, a full complement of wireless security options and a built in firewall.

<sup>1</sup> Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.

## TECHNICAL SPECIFICATIONS

### HARDWARE

- AMRISC20000 (32bit SOC) – CPU+MAC SOC
- Memory - Flash 4MB – SDRAM 32MB
- WAN Port - IEEE 802.3 – 1 x 10/100 BaseT port
- LAN Port - IEEE 802.3 – 1x 10/100 BaseT ports
- LED - 3G/WAN/LAN/Wi-Fi
- Reset Button
- 1x USB 2.0
- Power Rating – 5VDC 3amps
- Detachable Antenna

### WIRELESS

- MAC/BB
- RT2561S – Turbo g

### RF

- RT2527

### Standard

- IEEE 802.11b/g compliant

### Output Power

- 802.11g: 14dbm
- 802.11b: 17dbm

### Sensitivity

- 802.11g : -72dbm @54M
- 802.11b: -86dbm @11M

### Data Rate

- 6/9/11/12/18/24/36/48/54Mbps in 802.11g mode
- 1/2/5.5/11Mbps in 802.11b mode Auto fallback

### Frequency

- 2.4-2.483GHz

### Modulation

- 802.11b: DSSS / BPSK / QPSK / CCK
- 802.11g: OFDM / DSSS / BPSK / QPSK / CCK

### Access Mode

- CSMA/CA

### Antenna

- 1.80 dBi Detachable Antenna

### Range Cover

- Per cell indoors approx. 35-100 meters
- Per cell outdoors up to 100-300 meters

### Number of Channels

- Europe/Australia/ETSI: 2.412-2.472GHz (13 Channels)

### Security

- WEP(64/128bit)
- WPA/WPA2
- MAC address filtering
- WPA-PSK
- TKIP
- AES

### NETWORKING AND FEATURES

#### Access Control

- Domain Filter
- URL Blocking
- Packet Filter

#### Firewall

- DoS
- NAT Firewall
- IDS/IPS
- SPI

#### General

- DDNS
- Proxy DNS server
- DHCP Server
- System Time

#### Internet Connections

- Connection Control
- WAN Backup

### WAN Type

- Static
- 3G
- PPTP
- DHCP
- L2TP
- PPPoE

### IP Routing

- ICMP
- Static Routing
- RIP v1 & RIP v2

### NAT

- DMZ Host
- One-to-Many NAT

- VPN Pass-through
- PAT/NAPT

- Virtual Computer
- Virtual Server

### Security

- CGI-based authentication
- HTTP-based Authentication Login Password
- MAC control

- Email Alert

### UI & Management

- Administration Idle Timeout
- UPnP

- Browser-based Interface
- Email Alert

- Firmware Upgrade
- Remote Administration

- SNMP
- Syslog

### Dimensions

- 143 x 135 x 32mm

### Weight

- 0.5 Kg

### Compliance

- CE, FCC, UL, C-Tick

### Operating Environment

- Temperature: 0 to 50oC
- Humidity: 20 to 95% (non-condensing)

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