

# NETCOMM LIBERTY™ SERIES 3G Wireless N Router

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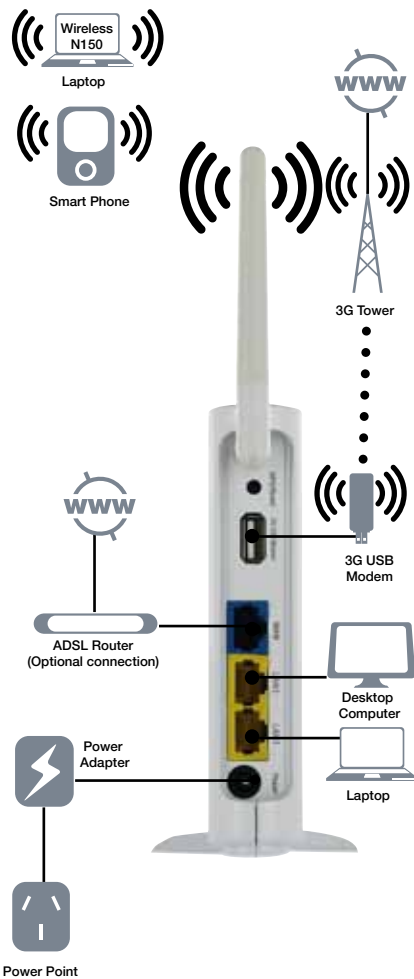
## KEY FEATURES

- Ⓧ 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 N standard with data speeds up to 150Mbps<sup>1</sup>
- Ⓧ One USB 2.0 host port supports 3G modems
- Ⓧ Compatible with all 3G/UMTS/ HSPDA/ EV-DO/ USB modems from leading vendors
- Ⓧ One WAN port for alternate wired Internet connection (DSL/Cable/Satellite via Ethernet)
- Ⓧ Two LAN ports 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
- Ⓧ Easy Wi-Fi Protected Setup (WPS) by the single touch of a button to establish a secure wireless connection
- Ⓧ 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
3G17WN	NetComm Liberty Series™ 3G Wireless N Router	9317773013535

# NETCOMM LIBERTY™ SERIES 3G Wireless N Router

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

The 3G17Wn 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 3G17Wn's WAN port providing you with the flexibility to choose how you access the Internet. The 3G17Wn'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 3G17Wn. With a built in 802.11n wireless access point, this router provides wireless speeds of up to 150Mbps, 300% faster than 11g technology<sup>1</sup>. On top of this, the 3G17Wn has two LAN ports for wired connections to multiple devices.

Rather than being restricted to certain USB modems, the 3G17Wn 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 3G17Wn 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 and 802.11n Draft 2.0 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

- MCU – RT3050, 320MHz embedded RF/MAC/BBP
- Memory – Flash 8MB, SDRAM 32MB
- WAN Port – 1x 10/100 Fast Ethernet port
- LAN Port – 2x 10/100 Fast Ethernet port
- USB 2.0 Port (for 3G USB Data Modem)
- WPS / Reset Button
- Detachable Antenna
- LED – Power/3G/WAN/Internet/Wireless/LAN1/LAN2

### WIRELESS

#### Standard

- IEEE 802.11b/g/n compliant

#### Frequency

- 2.400–2.484 GHz

#### Antenna

- 2dBi Detachable Antenna with SMA connector

#### Security

- WEP 64/128 bit
- WPA/WPA2
- 802.1x authentication
- MAC address filtering

### SOFTWARE FEATURES

#### Operation Mode

- Access Point
- Router

#### LAN

- DHCP Server
- Static Routing Table
- UPnP

#### WAN

- PPTP
- PPPoE
- Static IP
- DHCP Client
- Clone MAC
- 3G

#### Router

- Supports xDSL and 3G WAN Access and Auto Fail Over
- Supports UMTS/HSPA Mobile Internet Service
- NAT/NAPT IP Sharing
- Supports DDNS (DynDNS, TZO)
- DHCP Server
- Static Routing
- Dynamic Route
- Virtual Server mapping

### Firewall

- Anti-DoS Firewall
- MAC/IP/packet filtering
- DMZ
- Port Forwarding
- Supports Special Applications (Port Triggers)

### VPN

- VPN Pass Through (IPSec/PPTP)

### Wireless Features

- Power Saving (Green technology)
- Multiple SSID
- WPS (Wi-Fi Protected Setup)
- Speed/Bandwidth Monitor
- WMM

### Management

- Web-based configuration
- Firmware Upgradeable
- Administration Password Change
- System Status and Security Logs
- NTP server

### ENVIRONMENTAL AND PHYSICAL

- Temperature Range: 0-45°C – Operating, -10-70°C – Storage
- Humidity (non-condensing): 15%–95%
- Dimensions: 125mm (L) x 98mm (W) x 25mm (H)

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