

NetComm® NETCOMM LIBERTY SERIES 3G Wireless N300 Router



KEY FEATURES

- Ⓧ 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 300 Mbps¹
- Ⓧ One USB 2.0 host port supports 3G modems
- Ⓧ Compatible with all 3G/Next G™/UMTS/ HSPA/ EV-DO/ USB modems from leading vendors
- Ⓧ One WAN port for alternate wired Internet connection (DSL/Cable/Satellite via Ethernet)
- Ⓧ Four LAN ports to connect wired devices like PCs or gaming consoles
- Ⓧ Two transmit/receive antennas
- Ⓧ 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
- Ⓧ Firewall and 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
3G18Wn	NetComm Liberty Series 3G Wireless N300 Router	9317773013467

NetComm® NETCOMM LIBERTY SERIES 3G Wireless N300 Router

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

The 3G18Wn extends NetComm's range of non-embedded 3G routers with an impressive list of features. Connection to the Internet is achieved through either a 3G USB modem or via your ADSL router to the 3G18Wn's WAN port for a wired connection providing you with added flexibility. The 3G18Wn's automatic failover ensures you are always connected by activating 3G should the xDSL/Cable/Satellite connection drop out.

If you want to share your Internet connection, you are spoilt for choice with the 3G18Wn. With a built in 802.11n wireless access point this router provides wireless speeds of up to 300Mbps, 600% faster than 11g technology¹. On top of this, the 3G18Wn has four LAN ports for wired connections to multiple devices.

Rather than being restricted to certain USB modems, the 3G18Wn allows the user to choose from an extensive range of modems from most major 3G carriers.

The 3G18Wn includes advanced security features such as VPN pass-through, and a full complement of wireless security options and a built in firewall.

¹ Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n 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 – Ralink RT3052
- Memory – 4MB NOR Flash + 16 MB SDRAM
- 1x USB 2.0 Port – for 3G USB Data Modem
- 1x WAN Port – 10/100 Fast Ethernet
- 4x LAN Ports – 10/100 Fast Ethernet
- 2x 3dbi Dipole Fixed Antennas (2T2R MIMO)
- 8x LED Indicators – Power/ Wireless/ WAN/ 3G USB/ Wireless/ LAN1/ LAN2/ LAN3/ LAN4
- Wireless On/Off Switch
- WPS / Reset Button
- Power Adapter 12V DC / 1A

WIRELESS FEATURES

- Wi-Fi Standard / Data Rate / Output Power
- IEEE 802.11b / up to 11 Mbps / 18±1dBm
 - IEEE 802.11g / up to 54 Mbps / 15±1dBm
 - IEEE 802.11n / up to 300 Mbps / 15±1dBm

Frequency

- 2.400–2.484 GHz

Security

- WEP 64/128-bit
- WPA/WPA2
- MAC address filtering
- Multiple SSID
- WPS (Wi-Fi Protected Setup)
- WMM (Wi-Fi Multimedia / QoS)

Operation Modes

- Access Point
- Router

ROUTER FEATURES

LAN

- DHCP Server
- Static Routing Table
- UPnP

WAN

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

Router

- Supports DSL 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)

Management

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

ENVIRONMENTAL AND PHYSICAL

- Dimensions: 157mm (L) x 127mm (W) x 30mm (H)
- Operating Temperature: 10–40°C (10%–90% humidity, non-condensing)
- Storage Temperature: -20–60°C (max. 95% humidity, non-condensing)