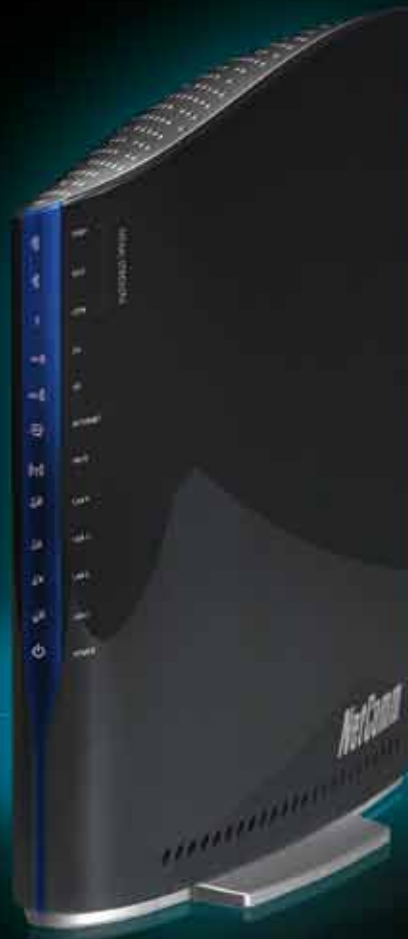


NETCOMM LIBERTY™ SERIES HSPA+ 21Mbps Wi-Fi Router

NetComm®



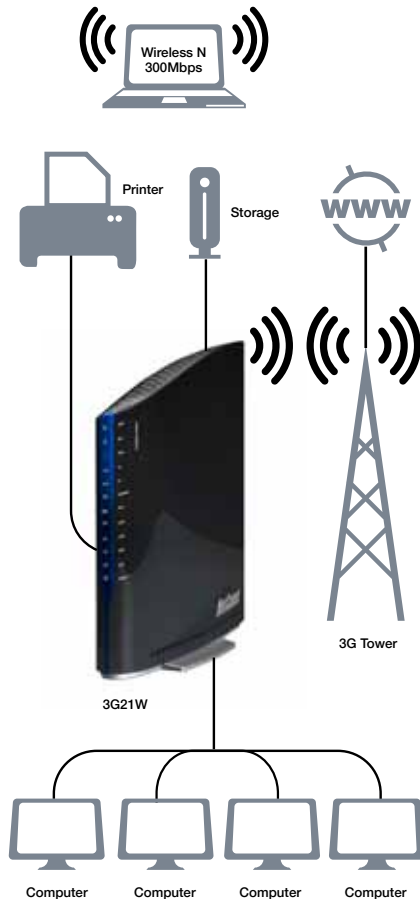
KEY FEATURES

- ⊕ Combines HSPA+, Wireless 11n 300Mbps, 4 Ethernet ports
- ⊕ Worldwide coverage through Tri-band HSUPA/HSDPA/UMTS (850 / 1800/ 1900 / 2100 Mhz), quad-band EDGE/GSM (850 / 900 / 1800 / 1900 Mhz)
- ⊕ Integrated 802.11n AP (backward compatible with 802.11b/g)
- ⊕ UPnP
- ⊕ WEP/WPA/WPA2 and 802.1x
- ⊕ MAC address and IP filtering
- ⊕ Static route functions
- ⊕ DNS Proxy
- ⊕ NAT/PAT
- ⊕ Embedded Sierra Wireless MC8700 multimode HSUPA/HSDPA/UMTS/EDGE/GPRS/GSM module
- ⊕ CLI command interface

Model Code/ Part Number	Description	APN Code
3G21W	NetComm Liberty™ Series 21Mbps Wi-Fi Router	9317773013542

NETCOMM LIBERTY™ SERIES HSPA+ 21Mbps Wi-Fi Router

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A reliable wireless network for simple and affordable networking

- Create a network at home or in the office with multiple wireless devices; including PC's, laptops, Wi-Fi phones and PDAs.
- No need for ADSL/cable – works with any 3G network.
- Mobile business solution provides workers remote high-speed access to large volumes of data, emails, Internet and business applications on the move.
- Ideal for remote country areas that do not have ADSL/cable.
- Broadband in the car – plug your 3G21W into a DC converted power supply. No more bored kids on long car trips!
- Easy to use and as reliable as your mobile phone connection.
- Provides a consistent & reliable 3G connection to the Internet.
- Designed to allow SME and home users to enjoy the freedom of secure, high-speed-Internet connectivity anywhere – anytime!
- Downstream data rates of up to 21Mbps & 5.76Mbps upstream.**
- Allows users to watch movies, download music or access e-mail without the need of a fixed line Internet connection.
- Multiple users can share the one data bundle, making it a cost effective device.

* Depends on 3G network conditions

** Firmware upgradable to support up to 11Mbps upstream

TECHNICAL SPECIFICATIONS

WAN INTERFACE

- 3G x 1

LAN INTERFACE

- Ethernet x 4

WLAN

- MAC Address Filtering, WEP, WPA, IEEE 802.1X
- 10, 25, 50, 100mW @ 22MHz channel bandwidth
- Output power level can be selected according to the environment

Standard

- IEEE802.11n, backward compatible with 802.11b/g

Encryption

- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption

Channels

- 11 Channels (US, Canada)
- 13 Channels (Europe, Australia)
- 14 Channels (Japan)

WLAN Data Rate

- Up to 300Mbps

WAN CONNECTION

PPP/IP

- Yes

Band

- Support tri-band GSM/GRPS (850 / 900 / 1800 / 1900 MHz)
- Support tri-band UMTS/HSDPA/HSUPA (850 / 1900 / 2100 MHz)

Data Rate**

- HSPA (up to 5.76 Mbps uplink)
- (up to 21Mbps downlink)
- EDGE / GPRS / GSM (up to 247 Kbps)

Antenna Type

- Internal 3G Antennas with external SMA connector

MANAGEMENT

- SNMP, SNT, Telnet, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP, TFTP client and server, or FTP server

ROUTING FUNCTIONS

- Static route, NAT/PAT, DMZ, DHCP Client/Server/ Relay, DNS Proxy, DDNS

SECURITY FUNCTIONS

- Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Management Authentication protocols
- PAP, CHAP

VPN

- PPTP/L2TP/IpSec pass-through

LED

- Power, LAN 4, LAN 3, LAN2, LAN 1, WLAN, Internet, 3G, 2G, Signal Strength for Low, Mid and High LEDs

POWER

- External power adapter
- 100-240Vac to 12Vdc /1.5A

ENVIRONMENTAL CONDITIONS

Operating temperature

- 0 ~ 50 degrees Celsius

Relative humidity

- 5 ~ 90% (non-condensing)

DIMENSIONS

- 65 mm (W) x 195 mm (H) x 160 mm (D)

NetComm®

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