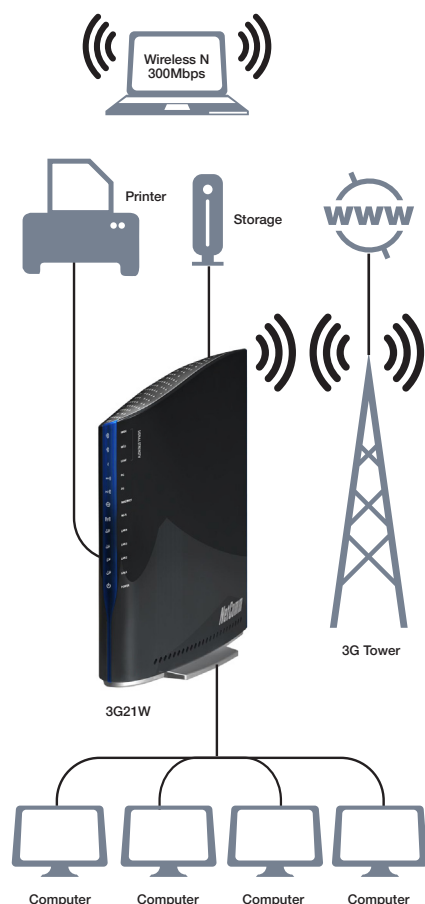




KEY FEATURES

- Ⓢ Connects to 3G/HSPA+ networks for high speed internet access using mobile broadband
- Ⓢ Creates a secure WiFi network to connect up to 16 WiFi devices such as laptops, smart phones and PCs
- Ⓢ Delivers data speeds of up to 21Mbps* downlink and 5.76Mbps* uplink
- Ⓢ Local wireless speeds of up to 300Mbps¹ – 2T/2R internal antenna configuration
- Ⓢ 2 USB ports to connect and create a network for devices such as printers and mass storage devices
- Ⓢ An SMA connector for remote areas who require an external 3G antenna
- Ⓢ Ideal for home and businesses without access to ADSL or cable
- Ⓢ Multiple users can connect and share the one data bundle making it a cost effective device
- Ⓢ The device allows users to freely take their connection with them
- Ⓢ Embedded Sierra Wireless multimode HSUPA/HSDPA/UTMS/EDGE/GPRS/GSM module

Model Code/ Part Number	Description	APN Code
3G21W	NetComm Liberty™ Series 21Mbps Wi-Fi Router	9317773015225



The HSPA+ WiFi Router integrates a powerful Sierra Wireless module that enables users to connect to worldwide 3G/HSPA+ networks and enjoy speeds of up to 21Mbps¹ downlink and 5.76Mbps¹ uplink.

The router creates an instant 300Mbps¹ WiFi network connecting up to 16 wireless devices simultaneously such as laptops, gaming consoles, iPad's and Smart Phones. You can also connect up to 4 wired devices and 2 USB 2.0 devices so you can connect and share desktop PCs, USB printers and mass storage devices.

The device also features 4 internal antennas: 2 WiFi antennas delivering speeds of up to 300Mbps¹ and 2 3G antennas. The SMA connector found at the rear of the unit also allows users in remote locations to connect an external antenna if required. A powerful and secure local area network can be established at home, in the office or on the go.

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.

* Depends on 3G Network

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

Band

- Support quad-band GSM/GRPS (850 / 900 / 1800 / 1900 MHz)
- Support Quad-band WCOMA/HSPA (850 / 900 / 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, SNTp, Telnet, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP

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 LIMITED

PO Box 1200, Lane Cove NSW 2066
Sydney, Australia ABN 85 002 490 486

AUSTRALIAN ENQUIRIES

P: (02) 9424 2070
F: 1800 063 962
E: sales@netcomm.com.au
W: www.netcomm.com.au

NEW ZEALAND ENQUIRIES

P: (09) 448 5548
F: (09) 448 5549
E: sales@netcomm.co.nz
W: www.netcomm.co.nz

INTERNATIONAL ENQUIRIES

P: +61 2 9424 2070
F: +61 2 9424 2010
E: int.sales@netcomm.com.au
W: www.netcommlimited.com