

# HSPA+ WiFi Router

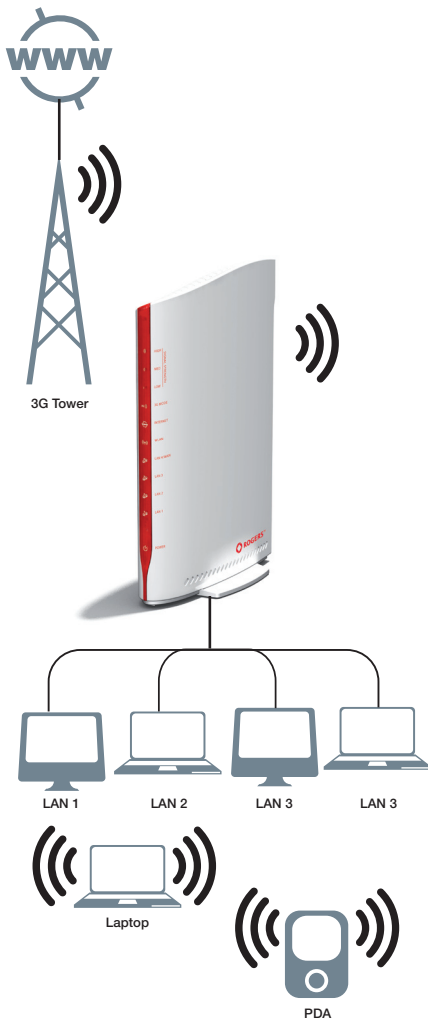


## KEY FEATURES

- ⊕ Embedded Sierra Wireless MC8700
- ⊕ Quad-band HSUPA/HSDPA/UMTS, Quad-band GSM/EDGE
- ⊕ 21Mbps downlink / 5.76Mbps uplink
- ⊕ 3 x 10/100 Ethernet LAN ports
- ⊕ 1 x 10/100 Ethernet WAN/LAN port. Auto-detects whether it is to be used as WAN or LAN
- ⊕ Automatic failover from fixed line Internet connection to 3G to ensure continued Internet availability
- ⊕ 802.11n/300Mbps wireless<sup>1</sup>
- ⊕ 2 Transmit and 2 Receive Internal Wi-Fi antennas
- ⊕ External antenna connector for optional attachment of a high gain 3G antenna
- ⊕ Wi-Fi Protected Setup (WPS) for an easy and secure wireless connection
- ⊕ Browser based interface for configuration and management: OS independent and easy to use
- ⊕ Full wireless security - WEP, WPA, WPA2

Model Code/ Part Number	Description	UPC Code
3G25W-R	NetComm Liberty™ Series HSPA+ WiFi Router	689309003068

# HSPA+ WiFi Router



The HSPA+ WiFi Router offers unparalleled speed and coverage over a 3G HSPA+ network. With a peak downlink speed of up to 21Mbps and uplink speed of up to 5.76Mbps, this device will have you accessing a mobile broadband connection with speeds equivalent to those of a fixed ADSL broadband connection.

Users can enjoy instant access to a high speed mobile broadband network and this connection can be shared with multiple wired and wireless devices such as iPads, laptops, smartphones and gaming consoles. The HSPA+ WiFi Router has four Ethernet ports that allow users to connect desktop PCs and other devices to the 3G network with an Ethernet cable. Also featured is an internal 300Mbps<sup>1</sup> 802.11n wireless access point that creates a powerful WiFi hotspot for your WiFi devices.

One of the Ethernet ports is a WAN/LAN port meaning that users can also access the Internet by connecting to a fixed line ADSL/Cable modem. This additional connection option allows users to choose how they access the Internet increasing the flexibility that this device provides. Users can also ensure Internet continuity by activating automatic failover which will revert the Internet connection from fixed line to 3G, should the fixed line fail and should both options be currently connected.

The HSPA+ WiFi Router is ideal for both home and business users who are after a flexible Internet connection. With a high speed 21Mbps HSPA+ connection, users are no longer reliant on fixed line ADSL/Cable to supply high bandwidth access to the Internet. Businesses that operate Internet critical activities can also ensure a continued connection with the automatic failover feature. This device is perfect for home users that live in remote areas or are on the fringe of the ADSL footprint and have no other access to a quality Internet signal. It is also ideally suited to renters and frequent movers who require the flexibility that a 3G connection can offer. As a mobile business solution, this device provides workers with high-speed access to large volumes of data for email, Internet and business applications on the move.

<sup>1</sup> 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

- Model : 3G25W-R
- Description: HSPA+ WiFi Router

### WAN INTERFACE

- 3G x 1
- Fixed Line Ethernet x 1

### LAN INTERFACE

- Ethernet x 4

### WLAN

- MAC Address Filtering, WEP, WPA, IEEE 802.1X

### Standard

- IEEE 802.11n, backward compatible with 802.11b/g Encryption
- 64, 128-bit Wired Equivalent Privacy (WEP, WPA2) Data Encryption

### Channels

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

### WLAN Data Rate

- Up to 300Mbps<sup>1</sup>

### WAN CONNECTION

#### PPP

#### Standard

- Comply with the 3GPP release 6 and release 7 specification (HSPA+)

#### Band

- Support Quad-band GSM/GPRS (850/900/1800/1900 MHz)
- Support Quad-band UTMS (850/900/1900/2100 MHz)

### Data Rate

- HSUPA Category 6 (Up to 5.76 Mbps uplink)\*
- HSDPA Category 14 (Up to 21 Mbps downlink)\*
- EDGE (up to 236 Kbps)\*
- GPRS (up to 80 Kbps)\*

\* Subject to Network conditions, see service provider for details.

### Antenna Type

- 2x Internal 11n antennas
- 1x Internal main 3G antenna
- 1x Internal Aux 3G antenna
- 1x External 3G SMA female connector

### MANAGEMENT

- Telnet, Web-based management.

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