

# HSPA+ WiFi Router with Voice

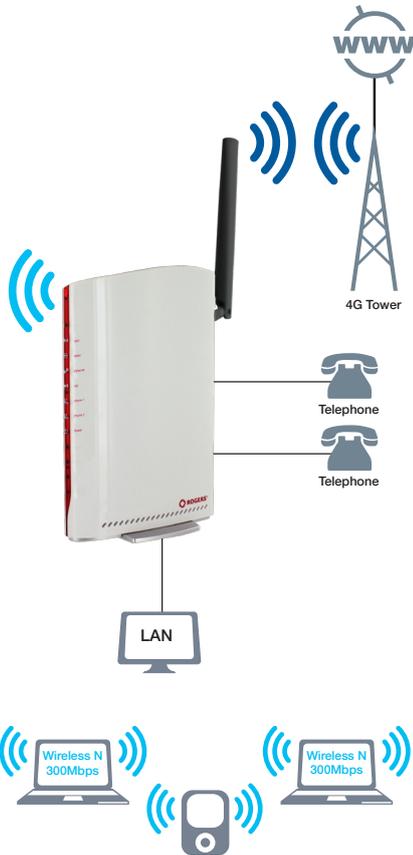


## KEY FEATURES

- Powerful and flexible fixed wireless gateway supporting various networks and service types
- Embedded HSPA+ modem supporting peak downlink up to 21 Mbps / uplink up to 5.76 Mbps
- Wireless LAN 802.11n access point with MIMO antenna technology
- Voice function – connect a standard analogue telephone for calls over the cellular network
- 1 x 10/100 Ethernet LAN port for wired connectivity
- 1 x 10/100 Ethernet WAN port for alternate fixed line connectivity
- Redundant Connectivity - Automatic Internet failover to Wireless WAN when connection is lost through primary connection
- Management and configuration via web user interface from any computer or smart phone
- VPN pass-through support for secure connections over the public cellular network

Model Code/ Part Number	Description
3G27W-R	NetComm Liberty™ Series HSPA+ WiFi Router with Voice

# HSPA+ WiFi Router with Voice



The NetComm HSPA+ WiFi Router with Voice is designed to deliver high speed Internet and telephone connectivity to homes and businesses.

The 3G27WV-R connects to the Rogers 4G network via a powerful antenna system and combines a 4G modem and a Wireless LAN access point together in one unit. The Radio modem provides high speed connectivity to the Internet without any wires or cabling via the cellular/mobile network, and distributes the Internet around the home or office via the built in high speed WiFi access point.

With this device, you can now instantly deploy Internet connectivity and telephone lines in a particular location for up to 15 users to access simultaneously. Users can connect multiple devices such as smartphones, tablets, notebooks, or desktop computers easily and securely without wires using the built in WiFi access point, or alternatively via an Ethernet LAN cable if a wired connection is preferred.

The 3G27WV-R integrates a powerful Sierra Wireless radio modem (MC8704V) for HSPA+ data downloads of up to 21Mbps, which are then transmitted via WiFi or Ethernet throughout the location. The built-in voice feature enables telephony for a full landline replacement. Standard analogue/cordless handsets (e.g. DECT base station) connected to the 3G27WV-R allow for phone calls over the 4G UMTS network to be made within seconds of powering on the device, anywhere, anytime.

## TECHNICAL SPECIFICATIONS

### HSPA+

- 850/900/1900/2100 MHz UMTS/HSDPA/HSUPA
- Up to 21 Mbps downlink (HSDPA Cat 14)
- Up to 5.76 Mbps uplink (HSUPA Cat 6)
- Quad-band EDGE/GPRS/GSM

### WWAN INTERFACE

- 4G x 1

### WAN INTERFACE

- 10/100 Ethernet x 1

### LAN INTERFACE

- 10/100 Ethernet x 1

### PHONE INTERFACE

- RJ-11 FXS Phone Port x 2

### WLAN

#### STANDARD

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

#### ENCRYPTION

- WEP, WPA, WPA2

#### WLAN DATA RATE

- Up to 300Mbps

#### ANTENNA SYSTEM

- 1 x External 4G main - removable multi-band 2dBi gain terminal mount omni antenna
- 1 x Internal cellular diversity antenna
- 2 x Internal 2.4GHz antennas for 802.11n WiFi

### WAN CONNECTION

#### PPP/IP

- Yes

#### ANTENNA TYPE

- Internal mobile broadband Antennas

#### MANAGEMENT

- Web based user interface (HTTP), Firmware upgrade via LAN, System Monitoring, Diagnostic Log Viewer

#### ROUTING FUNCTIONS

- WWAN, PPPoE, DHCP Server/Client, Static Route, Dynamic DNS, NAT - Port Forwarding, DMZ, DNS Masquerading, RIP, PPP with PAP/CHAP, NTP

#### SECURITY FUNCTIONS

- Stateful Packet Inspection, Packet filtering, Denial Of Service protection, Management

#### AUTHENTICATION PROTOCOLS

- PAP, CHAP

#### VPN

- Pass-through PPTP, IPSec, SSL

#### LED

- Power, 4G, WiFi, Internet/WAN, LAN, Phone 1, Phone 2

### POWER

- External power adapter
- DC in port: 12VDC

### ENVIRONMENTAL CONDITIONS

#### OPERATING TEMPERATURE

- 0 - 50 degrees Celsius

#### RELATIVE HUMIDITY

- 5 - 90% (non-condensing)

#### DIMENSIONS AND WEIGHT

- 140 mm (L) x 132 mm (W) x 34 mm (H)
- 240 grams

#### PACKAGE INCLUDES

- 3G27WV-R Gateway
- 1 x 1.5M Ethernet cable
- 1 x external antenna
- 1 x 2M telephone (RJ-11) cable
- DC power adapter
- Quick start guide

\* Preliminary specifications only. Specifications subject to change.

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