



# 7.2 Wireless Broadband Home Network Gateway

3G9WB – Next G™ Router with Wi-Fi and 4 Ethernet Ports



## KEY FEATURES

⊗	Combines Next G™ Broadband service, Wi-Fi and Ethernet gateway in one device	
⊗	Tri-band HSUPA/HSDPA/UMTS (850 / 1900 / 2100 Mhz), quad-band EDGE/GSM (850 / 900 / 1800 / 1900 Mhz)	
⊗	Embedded multimode HSUPA/HSDPA/UMTS/EDGE/GPRS/GSM module	
⊗	UPnP	⊗ CLI command interface
⊗	WEP/WPA/WPA2 and 802.1x	⊗ Web-based management
⊗	MAC address and IP filtering	⊗ Supports VPN Pass-through
⊗	Static route functions	⊗ Integrated 802.11g AP (backward compatible with 802.11b)
⊗	DNS Proxy	⊗ DHCP Server/Relay/Client
⊗	NAT/PAT	⊗ Configuration backup and restoration

The BigPond 7.2 Wireless Broadband Home Network Gateway connects to the Telstra Next G™ network. The device has a peak downlink speed of 7.2 Mbps, typical downlink speeds are 550kbps to 3Mbps, bursting up to 6Mbps and typical uplink speeds of 300kbps – 1Mbps, bursting to 1.3Mbps in most places in CBD, metro and other areas.\* The gateway also creates a network around your home or office without the messy wires. So now everyone can be online at the same time from almost anywhere in a typical home or small office. This allows you to access the Telstra Next G™ network making it easy for you to watch movies and download music, without the need for a fixed internet connection.

The BigPond 7.2 Home Network Gateway has a WLAN IEEE802.11b/g AP and four Ethernet 10/100Mbps ports and features state of the art security features such as WPA data encryption, SPI Firewall and VPN pass through.

This feature packed unit allows you to quickly create a secure wireless 802.11g network and provide access to the Internet using the Next G™ network. The BigPond 7.2 Home Network Gateway provides a fast wireless broadband network with greater coverage through Australia than any other wireless broadband network\*.

# At the time of release, Telstra covers over 99% of Australian population with its Next G™ network  
 \* and TM - Registered trade mark and trade mark of Telstra Corporation Limited ABN 33 051 775 556.

# 7.2 Wireless Broadband Home Network Gateway

3G9WB – Next G™ Router with Wi-Fi and 4 Ethernet Ports

## TECHNICAL SPECIFICATIONS

### WAN INTERFACE

- HSPA 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
- IEEE 802.11g, backward compatible with 802.11b 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 54Mbps

### WAN CONNECTION

#### PPP

- Yes

#### Standard

- Comply with the 3GPP release 5 UMTS specification

#### Band

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

#### Data Rate\*

- HSUPA (up to 1.9 Mbps uplink)
- HSDPA and UMTS (up to 7.2 Mbps downlink and 384 Kbps uplink)
- EDGE / GPRS / GSM (up to 247 Kbps)

#### Antenna Type

- Removable antenna

### 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, Wi-Fi, Internet, 3G, 2G, Signal Strength for Low, Med 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)

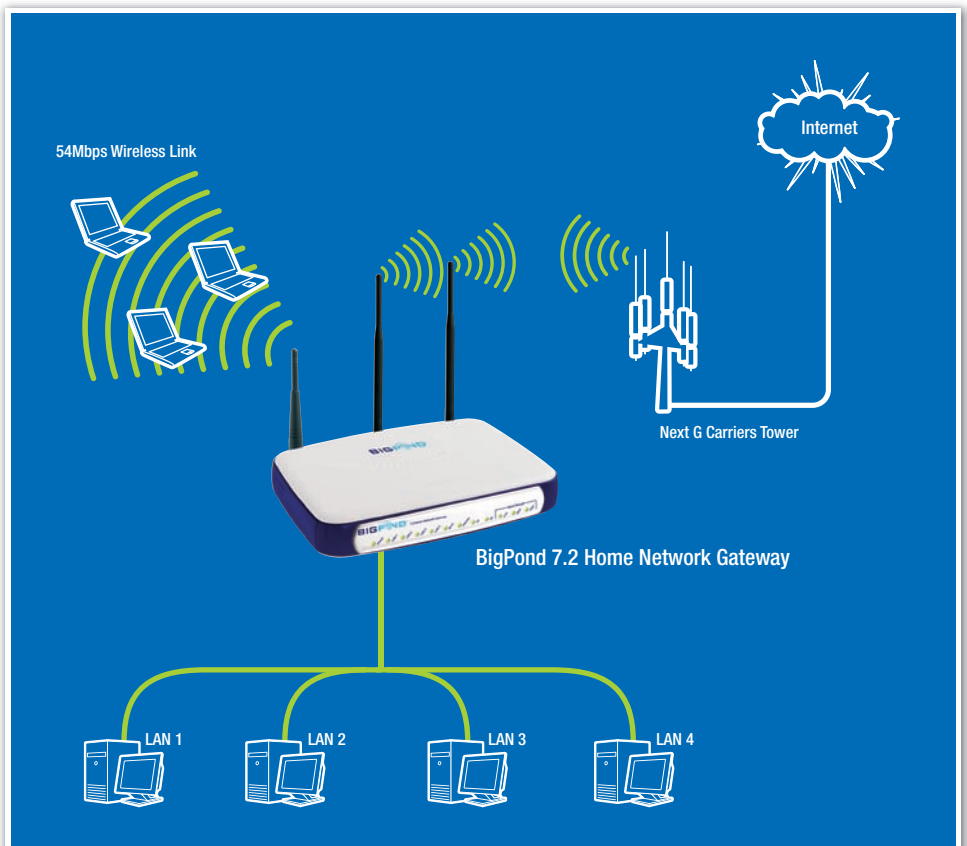
### DIMENSIONS

- 205 mm (W) x 47 mm (H) x 145 mm (D)

\* Speeds may vary due to congestion, distance from the cell, local conditions, hardware, software and other factors.

## 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 phone line or FOXTTEL cable needed – works with the Telstra Next G™ network.
- Mobile business solution can provide workers with remote high-speed access to large volumes of data, emails, Internet and business applications on the move.
- Ideal for country areas that do not have ADSL/cable but are in the Next G™ coverage areas.
- Broadband in the car – plug your BigPond 7.2 Home Network Gateway 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 reliable 3G connection to the Internet.
- Designed to allow small and medium enterprise customers and home users to enjoy the freedom of secure, high-speed-Internet connectivity on the go!
- Peak downlink speeds of 7.2 Mbps & 1.9 Mbps upstream.
- Typical downlink speeds of 550kbps to 3Mbps, bursting up to 6Mbps and typical uplink speeds of 300kbps – 1Mbps, bursting to 1.3Mbps in most places in CBD, metro and other areas\*
- Connects multiple wired or wireless devices to the one secure Internet connection.
- 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.



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