

BIGPOND ELITE™ WIRELESS BROADBAND NETWORK GATEWAY

3G21WB – NEXT G™ ROUTER WITH 802.11N WI-FI AND 4 ETHERNET PORTS



KEY FEATURES

→ Combines access to the Telstra Next G™ network, with Wi-Fi and Ethernet gateways in one device	→ Integrated 802.11n AP (backward compatible with 802.11b/g)
→ Dual band 850 / 2100 mHz (HSPA+ / UMTS)	→ CLI command interface
→ Embedded multimode HSUPA/HSDPA/HSPA+/UMTS module	→ Web-based management
→ 2 x USB 2.0 host ports	→ Supports VPN Pass-through
→ DNS Proxy	→ NAT/PAT
→ WEP/WPA/WPA2 and 802.1x	→ DHCP Server/Relay/Client
→ MAC address and IP filtering	→ Configuration backup and restoration
→ Static route functions	

The BigPond Elite™ Wireless Broadband Network Gateway connects to the Telstra Next G™ network, the largest and fastest national wireless broadband network in Australia. It covers 2 million square kilometres, is more than twice as large as any of our competitors' 3G networks and can reach 99% of Australia's population*. Using a BigPond Elite™ device, customers can experience typical download speeds of 550kbps to 8Mbps and typical upload speeds of 300kbps to 3Mbps in all capital cities and selected regional areas¹.

The gateway also creates a network around your home without the messy wires. So now everyone can be online at the same time from almost anywhere in the home². This allows you to access the Telstra Next G™ network, making it easy for you to watch online videos and download music, without the need for a fixed internet connection.

What could you do with the BigPond Elite™ Wireless Broadband Network Gateway?

- Download a 4MB song from BigPond in as little as 7 seconds¹
- Access a 2MB News video in as little as 6 seconds¹.
- Download a 1MB email attachment in as little as 4 seconds¹ in all capitals and selected regional areas¹.

The BigPond Elite™ Wireless Broadband Network Gateway is also loaded with four 10/100 Ethernet ports and features state of the art security features, such as WPA Data encryption, SPI Firewall, VPN pass through, and unique wireless security settings, preconfigured for each unit.

This feature packed unit allows you to quickly create a secure wireless network and provide access to the Internet using the Next G™ network.

* Next G™ coverage depends in part on where you are, what particular handset or device you are using and whether your handset or device has an external antenna attached.
¹ With the BigPond Elite™ Wireless Broadband Network Gateway, typical customer download speeds are 550kbps to 3Mbps and typical customer upload speeds are 300kbps to 1Mbps in other coverage areas. Actual speeds vary due to factors such as distance from the cell, local conditions, user numbers, hardware software and other factors.
² From anywhere in a typical house. Computers must meet minimum system requirements.
³ Speeds vary due to factors such as distance from the cell, local conditions, number of users, download source, associated computer hardware and software configuration.
⁴ and TM - Registered trade mark and trade mark of Telstra Corporation Limited ABN 33 051 775 556.

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TECHNICAL SPECIFICATIONS

WAN INTERFACE

- HSPA+ x 1

LAN INTERFACE

- 10/100 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)

WAN CONNECTION

PPP

- Yes
- Standard
- Comply with the 3GPP release 7 UMTS specification Band
- Support Dual band 850 / 2100 mHz (UTMS / HSPA+) Data Rate
- HSPA+ (5.8Mbps peak network uplink rated device). Actual speeds are less³ with typical customer upload speeds of 300kbps to 3Mbps in all capitals and selected regional areas¹
- HSPA+ and UMTS (21Mbps peak network downlink rated device). Actual speeds are less³ with typical customer download speeds of 550kbps to 8Mbps in all capitals and selected regional areas¹

Antenna Type

- Internal 3G antenna
- Internal Wi-Fi antenna
- 1x Optional 3G external SMA Female connector

USB 2.0

- 2x ports for Print Server and/or File server

MANAGEMENT

- SNMP, SNMP, 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

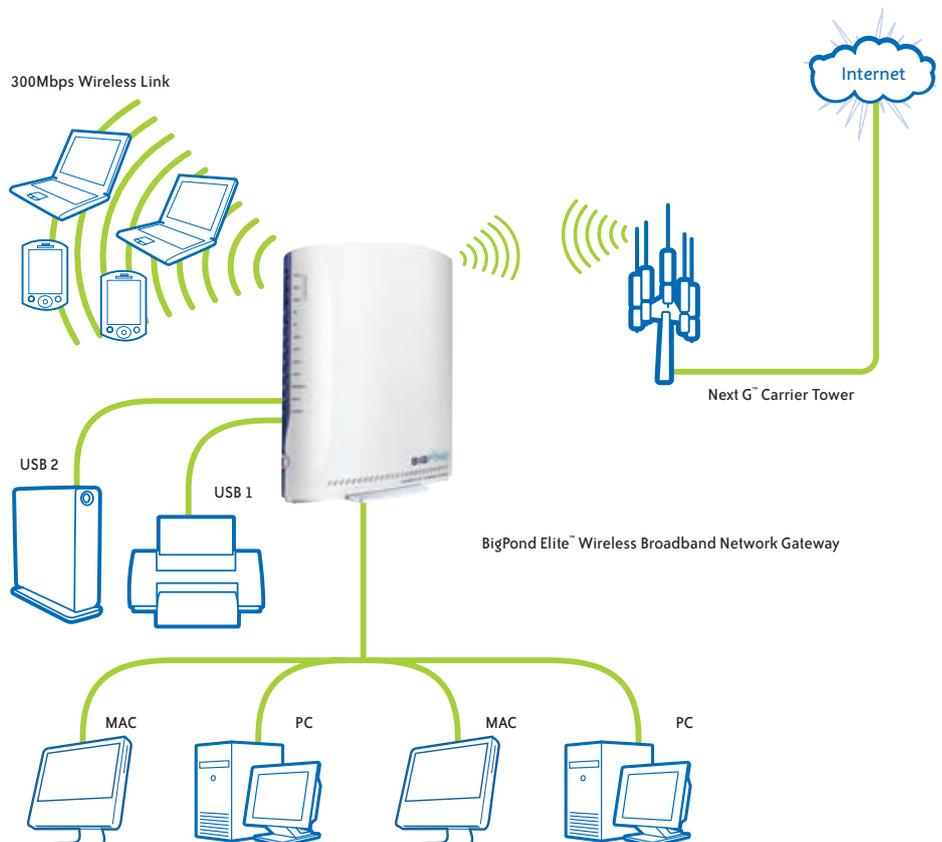
- 5 ~ 90% (non-condensing)

DIMENSIONS

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

A reliable and easily installed wireless network for your home

- Create a wireless network at home for use with multiple wireless devices; including PC's, laptops, Mac's, Wi-Fi phones and PDAs.
- No phone line or FOXTel cable needed – works with the Telstra Next G™ network.
- Designed to allow home users to enjoy the freedom of secure wireless high-speed internet connectivity around the home.
- Ideal for users who live within the Next G™ coverage areas*, but do not have ADSL/cable available.
- Perfect for renters, or short term property lease holders.
- Easy to use.
- Provides a reliable 3G connection to the Internet.
- Typical download speeds of 550kbps to 8Mbps and typical upload speeds of 300kbps – 3Mbps in all capital cities and selected regional areas¹
- Allows users to watch videos, download music, or access e-mail without the need of a fixed line Internet connection.
- Multiple users can share the one access plan, making it a cost effective device.



¹ With the BigPond Elite™ Wireless Broadband Network Gateway. Typical customer download speeds are 550kbps to 3Mbps and typical customer upload speeds are 300kbps to 1Mbps in other coverage areas. Actual speeds vary due to factors such as distance from the cell, local conditions, user numbers, hardware software and other factors.

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