

TURBO 7 WIRELESS GATEWAY



Introducing the new Turbo 7 Wireless Gateway, a device that can boost the productivity of your mobile workforce.

Utilising the coverage and speed of the Telstra Next G™ network, the Turbo 7 Wireless Gateway enables you to set up and share your Next G™ connection with multiple wireless and wired devices, without the need for a fixed line Internet connection. This feature packed device incorporates 2 removable antennas, 2 Ethernet ports for wired connectivity, 54Mbps/11g wireless, voice calls over the Next G™ network and 1 USB 2.0 port.

How does it work?

Simply insert your active Telstra Next G™ SIM card into the USIM slot on the rear panel of the Gateway and you can establish and share a secure wireless connection to the Internet, on Australia's fastest national mobile broadband network.

Cost effective & versatile

Multiple users can share the connection making it very cost effective. You can share a single connection with up to 20 wireless and wired devices including PC's, notebooks, Wi-Fi phones and PDAs.

For the business

Create a business network with multiple devices, using either the 2 Ethernet ports for wired devices or 54Mbps/802.11g Wi-Fi for your wireless devices such as laptops and PDA's.

Teleworkers can communicate by connecting a standard PSTN telephone to the Gateway's telephone port. This provides a true office-in-a-box solution for mobile workers & temporary office scenarios requiring total communication needs.

TECHNICAL SPECIFICATIONS

WAN INTERFACE

- HSPA x1

LAN INTERFACE

- Ethernet x2

VOICE

- 1 RJ11 Voice port (circuit-switched)

USB 2.0

- Print Server or File Server (auto-sensing)

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

- IP compression
- Data compression

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 5.8Mbps uplink)
- HSDPA and UMTS (up to 7.2 Mbps downlink)
- EDGE / GPRS / GSM (up to 247 Kbps)

Antenna Type

- Removable 3G antenna
- Removable 802.11g antenna

MANAGEMENT

- SNMP, SNTp, Telnet, Web-based management, Configuration backup and restoration
- Firmware upgrade via HTTP, TFTP client and server, or FTP server

ROUTING FUNCTIONS

- Static/Dynamic route
- Static route, DMZ, DNS Proxy, DDNS
- NAT/PAT, NAT enable/disable to support Telstra IP WAN service
- DHCP Client/ Server/Relay
- Half-bridging mode

SECURITY FUNCTIONS

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

SIM PIN FUNCTIONS

- Unlock PIN code, Change PIN code

Authentication protocols

- PAP, CHAP

VPN

- PPTP/L2TP/IP Sec pass-through

LEDS

- Power, Phone, Fax, USB, LAN2, LAN1, Wi-Fi, Internet, 3G, 2G, Signal Strength - Low, Med, High

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)

Key Features

- ⇒ Combines Next G™ Broadband service, Wi-Fi and Ethernet gateway in one device
- ⇒ International coverage through 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
- ⇒ Removeable 3G and 802.11g antennas
- ⇒ USB 2.0 port for either print server or file server
- ⇒ Voice (Next G™ mobile call)
- ⇒ Static/Dynamic Route functions
- ⇒ Telstra Connection Manager USB key
- ⇒ CLI command interface
- ⇒ UPnP
- ⇒ Web-based management
- ⇒ WEP/WPA/WPA2 and 802.1x
- ⇒ Supports VPN Pass-through
- ⇒ MAC address and IP filtering
- ⇒ Integrated 802.11g AP (backward compatible with 802.11b)
- ⇒ Static route functions
- ⇒ DHCP Server/Relay/Client
- ⇒ DNS Proxy
- ⇒ Configuration backup and restoration
- ⇒ NAT/PAT
- ⇒ SIM PIN configuration
- ⇒ SNMP Client
- ⇒ Support Telstra IP WAN Service

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www.netcomm.com.au

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