Telstra

Telstra Turbo 7 Series Wireless Gateway

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

The Telstra Turbo 7 Series Wireless Gateway integrates a Wireless LAN and HSPA module into one stylish unit. Insert an active Telstra Next G™ SIM card into the slot on the rear panel and get access to the largest national mobile broadband network in Australia.

The Telstra Turbo 7 Series Wireless Gateway incorporates a WLAN 802.11b/g access point and four Ethernet 10/100Mbps ports. It features the latest security options such as WPA data encryption, SPI Firewall and VPN pass through.

This feature packed device enables you to quickly and simply create a secure WiFi network and provide internet access using the Telstra Next G™ network. Enable your workers to stay connected outside the office by taking this portable solution with them.

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
- 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

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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 UTMS/HSDPA/HSUPA (850 / 1900 /2100 MHz)
Data Rate
- HSUPA (up to 2.0 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, SNTP, 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
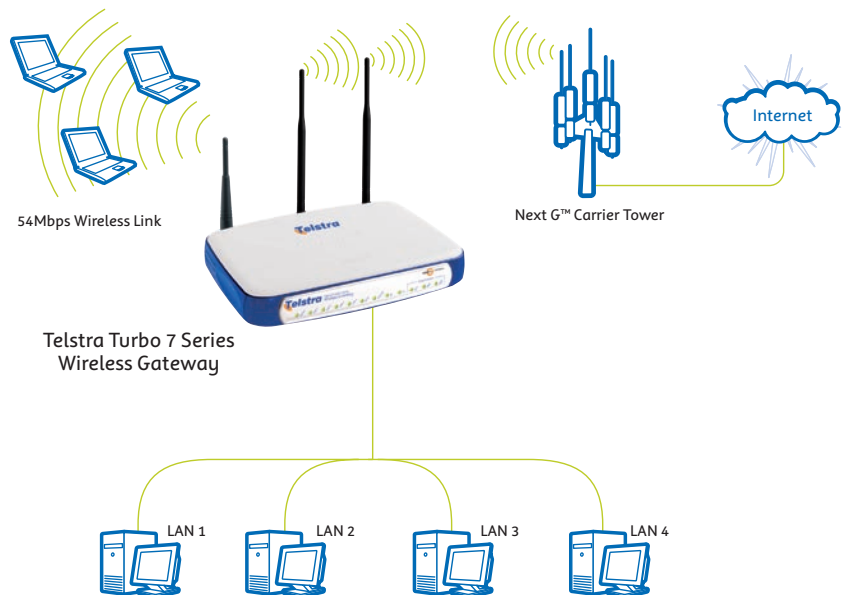Operating temperature
- 0 ~ 50 degrees Celsius
Relative humidity
- 5 ~ 90% (non-condensing)

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

A reliable wireless network for simple and affordable networking

- Create a network in or outside the office with multiple wireless devices; including PC's, laptops, Wi-Fi phones and PDAs.
- No need for ADSL/cable – works with Telstra's Next G™ network.
- Mobile business solution provides workers 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 (within coverage areas).
- Broadband on the move – plug your Telstra Turbo 7 Series Wireless Gateway into a DC converted power supply.
- Easy to use and as reliable as your Next G™ mobile phone connection.
- Provides a consistent and reliable Telstra Next G™ connection to the Internet.
- Typical download speeds of 550Kbps to 3Mbps and upload speeds of 300Kbps to 1Mbps*.
- Connects multiple wired or wireless devices to the one secure Internet connection.
- Multiple users can share the one data bundle, making it a cost effective device.

54Mbps Wireless Link

Next G™ Carrier Tower

Internet

Telstra Turbo 7 Series Wireless Gateway

LAN 1 LAN 2 LAN 3 LAN 4

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NEXTG® NETWORK