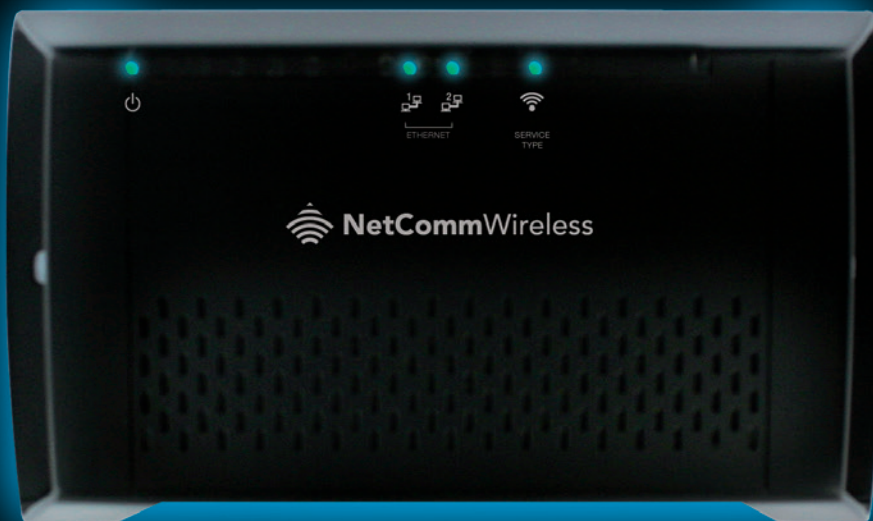




TDD LTE WiFi Router

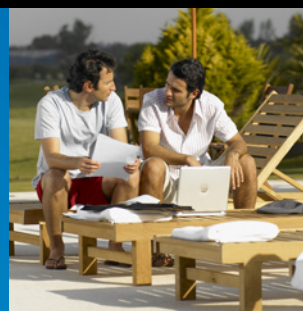


Perfect for

- Creating your own powerful WiFi hotspot and personal network using the speed of 4G broadband
- Locations without a fixed ADSL, Cable or Fibre connection available
- High bandwidth applications, such as media streaming to connected devices

KEY FEATURES

- ⌚ Connects to the 4G LTE network for high speed internet access
- ⌚ Uses TDD LTE technology to send and receive data on the same channel
- ⌚ Creates a secure WiFi network to connect up to 16 WiFi devices such as laptops, smart phones and gaming consoles
- ⌚ Local wireless speeds of up to 300Mbps – 2T/2R internal antenna configuration
- ⌚ Ideal for home and businesses without access to ADSL or cable
- ⌚ Multiple users can connect and share the one data bundle making it a cost effective device
- ⌚ The device allows users to freely take their connection with them





SPECIFICATIONS

LTE

- LTE TDD Cat 3, Release 8 bands:

4GT101W-01

- o Band 38 (2600)
- o Band 40 (2300)
- o Band 41 (2500)

4GT101W-02

- o Band 42 (3400)
- o Band 43 (3600)

4GT101W-03

- o Band 38 (2600)

4GT101W-04

- o Band 40 (2300)

WWAN INTERFACE

- 4G x 1

LAN INTERFACE

- 10/100 Ethernet x 2

WLAN

- MAC Address Filtering, WEP, WPA, IEEE 802.1X Standard

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

Encryption

- o WEP, WPA, WPA2

Channels

- o 11 Channels (US, Canada)
- o 13 Channels (Europe, Australia)
- o 14 Channels (Japan)

WLAN Data Rate

- o Up to 300Mbps

WAN CONNECTION

PPP/IP

- o Yes

Antenna

- o External 4G Antennas x2

MANAGEMENT

- SNMP, SNTp, Telnet, Web-based management, Configuration backup and restoration

- Firmware upgrade via HTTP

Routing Functions

- o Static route, NAT/PAT, DMZ, DHCP Client/Server/Relay, DNS Proxy, DDNS

Security Functions

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

Authentication protocols

- o PAP, CHAP

VPN

- PPTP/L2TP/IPSec pass-through

LEDS

- Power, LAN2, LAN 1, Internet, Signal Strength for Low, High LEDs

POWER

- External power adapter
- 100-240VAC to 12VDC/1.5A

ENVIRONMENTAL CONDITIONS

Operating temperature

- o 0 ~ 50 degrees Celsius

Relative humidity

- o 5 ~ 90% (non-condensing)

Dimensions

- o 191 mm (W) x 166 mm (H) x 31 mm (D)

TDD LTE WiFi Router



The TDD LTE WiFi Router integrates a powerful LTE module that enables users to connect to worldwide LTE networks and enjoy peak speeds of up to 100Mbps downlink and 50Mbps uplink². The router uses TDD LTE technology to transport data over the same channel.

The router creates an instant 300Mbps¹ WiFi network connecting up to 16 wireless devices simultaneously such as laptops, gaming consoles, iPad's and Smart Phones. You can also connect up to 2 wired devices.

The device also features 4 antennas: 2x internal WiFi antennas delivering speeds of up to 300Mbps and 2x external 4G antennas. A powerful and secure local area network can be established at home, in the office or on the go.

- 1 Maximum wireless signal rate and coverage values are derived from IEEE Standard 802.11g and 802.11n specifications. Actual wireless speed and coverage are dependent on network and environmental conditions included but not limited to volume of network traffic, building materials and construction/layout.
- 2 Speeds are dependent on network conditions and coverage. See coverage maps of your carrier or mobile service provider for more details.
- 3 Refer to your mobile service provider for activation of your voice service and information about the call charges that apply. For assistance with the operation of your analogue telephone handset, refer to the documentation.

Model Code/ Part Number	Bands Supported
4GT101W-01	TDD LTE - 38/40/41 (2300~2690MHz)
4GT101W-02	TDD LTE - 42/43 (3300~3800MHz)
4GT101W-03	TDD LTE - 38 (2600MHz) 3G WCDMA - 1 (1920~2170MHz)
4GT101W-04	TDD LTE - 40 (2300MHz) 3G WCDMA - 1 (1920~2170MHz)



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