



TDD LTE WiFi Router with VoIP



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
- Users wanting to take advantage of low cost VoIP calls over the Internet

KEY FEATURES

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





SPECIFICATIONS

LTE

- LTE TDD Cat 3, Release 8 bands:
 - 4GT101WV-01
 - o Band 38 (2600)
 - o Band 40 (2300)
 - o Band 41 (2500)
 - 4GT101WV-02
 - o Band 42 (3400)
 - o Band 43 (3600)
 - 4GT101WV-03
 - o Band 38 (2600)
 - o Band 40 (2300)
 - o Band 41 (2500)

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

VOIP

- 1 x FXS port
- SIP 2.0 protocol

MANAGEMENT

- SNMP, SNMP, 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

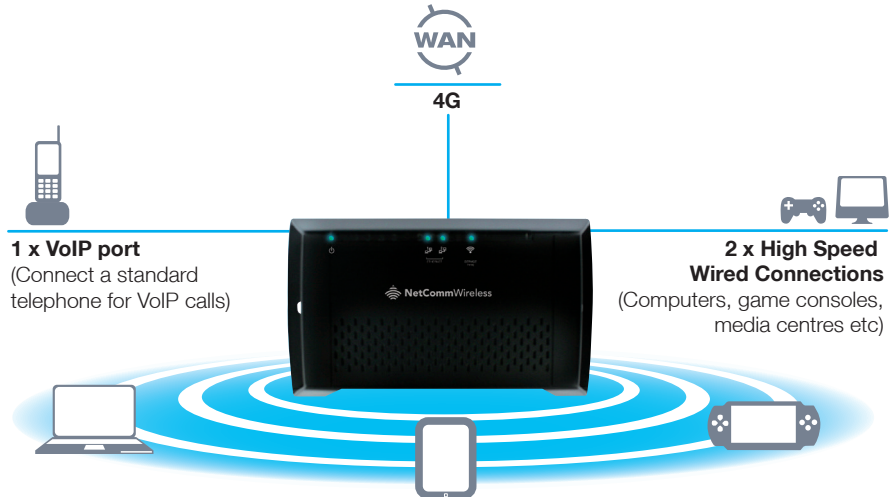
POWER

- 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 with VoIP



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 uplink. The router uses TDD LTE technology to transport data over the same channel.

The router creates an instant 300Mbps 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 included FXS port can be used to connect a standard telephone that will allow users to make calls over the Internet. By using a VoIP service, phone bills can be dramatically reduced.

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.

Model Code/ Part Number	Bands Supported
4GT101WV-01	TDD LTE - 38/40/41 (2300-2690MHz)
4GT101WV-02	TDD LTE - 42/43 (3300-3800MHz)
4GT101WV-03	TDD LTE - 38/40/41 (1710-2170MHz & 2300-2700MHz) 3G WCDMA - 1 (1920-2170MHz)



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