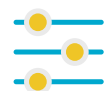# AX3600 Wireless Dual Band Gigabit 5G NR & VoLTE Router

WR862GVNM

VoLTE | Qos | Guest Network | Bulit-in Firewall

Shenzhen Comnect Technology Co., Ltd

Smart Connection

The WR844GVLN provides WAN and 5G/LTE SIM two access options. This unique feature ensures a fast, smooth and "always on" network connection for your home. If the fixed internet connection should fail, this modem can easily switch to a 5G，4G or 3G network automatically; In another way, the Internet can be replaced normally.

5G/LTE
network

LAN WAN
network

A Fast 5G NR Mobile Network

Supporting the 3GPP Release 15 NSA/SA operation,network standard, WR844GVLN produces a fast experience with speeds up to 4.7Gbps in downlink. You can enjoy uninterrupted HD movies, rapid file downloads, and smooth video chats.

4G

4G
Wired

HD

IPTV

Wiring free, Whenever and wherever

With 5G NR/LTE Advanced signal coverage for best performance, WR862GVNM allows you to receive Internet access without cable and fiber. WR862GVNM, a mobile network solution is the best choice for remote areas such as suburban area, seller store, restuarant, rental housing, small and medium-sized companies, providing the access to the Internet wherever and whenever the user is located.

5G/4G Mobile SIM + WR862GVNM

Access to the Internet Instantly

Small and medium-sized companies

Seller store

The restaurant

Students' dormitory

Rental housing

Lap-Top Computer

Monitor

Switch

Cash Register

Plug and Play

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Stronger Security (WPA3)

With more secure encryption in WiFi password safety and stronger protection against brute-force attacks, WPA 3 secures your WiFi.

RJ11 VoLTE

Equipped with a FXS port, WR862GVNM supports voice service, connecting desktop telephone to RJ11 Port so that you can make call anywhere without modem cable.

Dual-Core Processor

Dual-core design brings a faster processing speed and provides the best operation.

2.5 Gigabit Wired

Equipped with full gigabit ports, it supports up to 2500Mbps bandwith access.

1X   Fast Ethernet

Gigabit Ethernet   25X

Discretionary Network

By adding more qualified nodes, it works with "same family" nodes supported easymesh to form a broader Mesh network simply anytime.

Various Advanced Features

Supported with various advanced features, it guarantees a fast, stable and secure online experience.

QoS   Guest Network

comnect.

Hardware

- Mobile Communication System: Europe   Latam/America

5G NR	5G NR:	3GPP Release 15 NSA/SA operation, Sub-6 GHz		5G NR	5G NR:	3GPP Release 15 NSA/SA operation, Sub-6 GHz
	SA/NSA Bands:	n1/n3/n5/n7/n8/n20/n28/n38/n40/n41/n77/n78			SA/NSA Bands:	n2/n5/n7/n12/n25/n41/n48/n66/n71/n77/n78
	DL 4 × 4 MIMO:	n1/n3/n7/n38/n40/n41/n77/n78			DL 4 × 4 MIMO:	n2/n7/n25/n41/n48/n66/n77/n78
	UL 2 × 2 MIMO:	n40/n41/n77/n78			UL 2 × 2 MIMO:	n41/n48/n77
LTE	LTE Category:	Cat 19		LTE	LTE Category:	Cat 19
	LTE Bands:	B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43			LTE Bands:	B2/B4/B5/B7/B12/B13/B17/B14/B25/B26/B29/B30/ B41/B42/B43/B46/B48/B66/B71
	DL 4 × 4 MIMO:	B1/B3/B7/B38/B40/B41/B42			DL 4 × 4 MIMO:	B1/B3/B7/B38/B40/B41/B42
UMTS	WCDMA Bands:	B1/B5/B8		UMTS	WCDMA Bands:	-

- Power Supply: Input:110V-220V AC 50/60Hz
                   DC:12V/1.5A

- External Interface: 1 X 10/100/1000/2500Mbps RJ45 wan
                       1 X 10/100/1000Mbps RJ45 LAN
                       1 X RJ11 Port，1 X SIM Slot，1 X Typc-C USB 3.0 Port
                       1 X PWR Port

- Button：WiFi/WPS Button, Reset Hole, ON/OFF Button

- Antenna：Eight 3dBi 5G/LTE antennas
           Four 3dBi WiFi antennas

- Dimensions：(110 x 110 x 190)mm

comnect.

Software Features

- Internet Connection Type: 5G NR/LTE/UMTS/Ethernet WAN

- Function： Auto-APN

  VoLTE, CSFB Voice

  QoS

  Guest Network

  FOTA

  Standard TR069

- DHCP： Server, DHCP Reservation，Static Route，DDNS

- Quality of Service: Download/Upload Speed control

- Port Forwarding: Virtual Server, Port Triggering, DMZ

- VPN: PPTP, L2TP

- Access Control: URL Filter

- Firewall Security: DoS, SPI Firewall, Port Filter, ACL Filter

- Management: Access Control

  Local Management

  Remote Management

Wireless

- Wireless Standard： 802.11b/g/n, 802.11ac, 802.11ax

- Wireless Speed： 2.4GHz: Up to 1148Mbps; 5GHz: Up to 2402Mbps

- Wireless Frequency： 2.4GHz, 5GHz

- Wireless Security: WEP, WPA/ WPA2, WPA-PSK/ WPA2-PSK encryption

Environment

- Operating Temperature: 0°C~40°C(32°F~104°F)

- Storage Temperature: -40°C~70°C(-40°F~158°F)

- Relative Humidity: 10%~90%，non-condensing

- Storage Humidity: 5%~95%, non-condensing

Package Contents

- 1 x WR862GVNM Device

- 1 x Power Adapter

- 1 x RJ11 Cable

- 1 x RJ45 Cable

- 1 x Quick lnstallation Guide