Yeacomm

Make Connection Safer and Easier

Yeacomm Smart 5G ODU

NR610-Q

Outdoor IP67, Dual SIM, 5G SA/NSA

Overview

Yeacomm NR610-Q is a high speed Sub-6G 5G NR outdoor CPE specifically designed to meet integrated data needs for residential, business and enterprise users. In the service area of the 5G-Sub6/LTE/3G network, it enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access.

Features

Ultra-fast 5G speed up to 3.47Gbps

It supports 5G/4G/3G full networks, covers the world's mainstream bands and is compatible with SA and NSA modes.

High gain wide bandwidth antennas

Built-in 4 omni-directional cellular antennas (directional cellular antennas optional) ensure the best signal is received.

IP67 rated

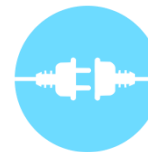High waterproof and dustproof protection structure is suitable for outdoor use.

Built-in VPN client support

Support PPTP, L2TP, IPSEC, Wireguard and Zerotier.
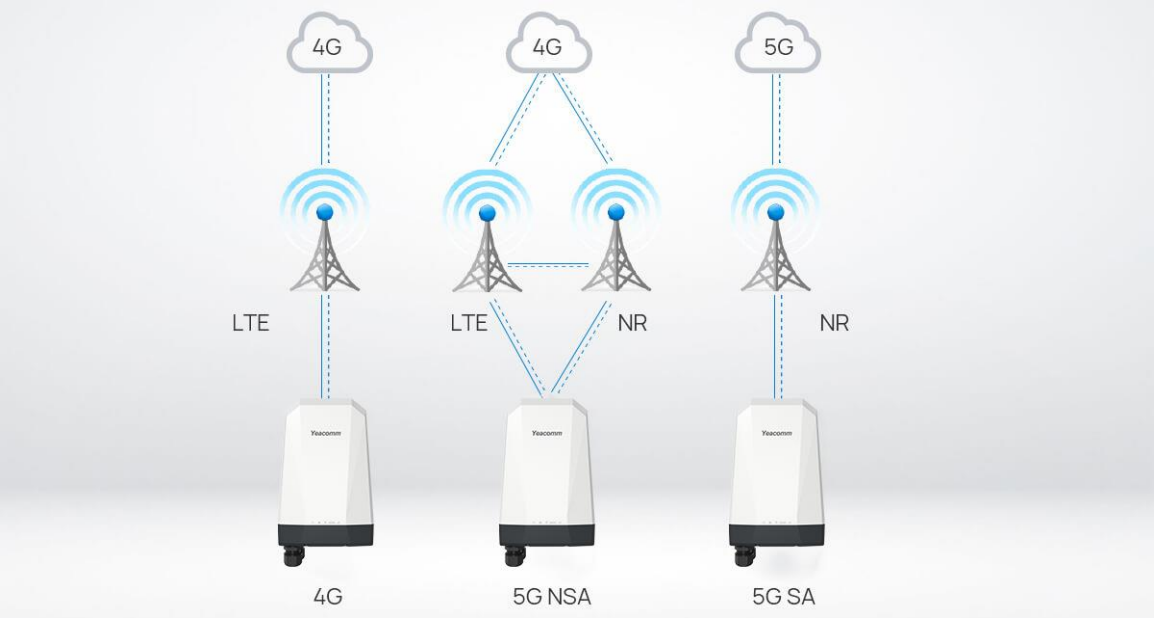
Friendly User Interface

Friendly UI design includes NAT, Bridge, Router mode, WEB, TR069 and SNMP-based device management.

Plug and Play

The device could automatically fix network problems in real-time without manually restarting or reconfiguring the network,
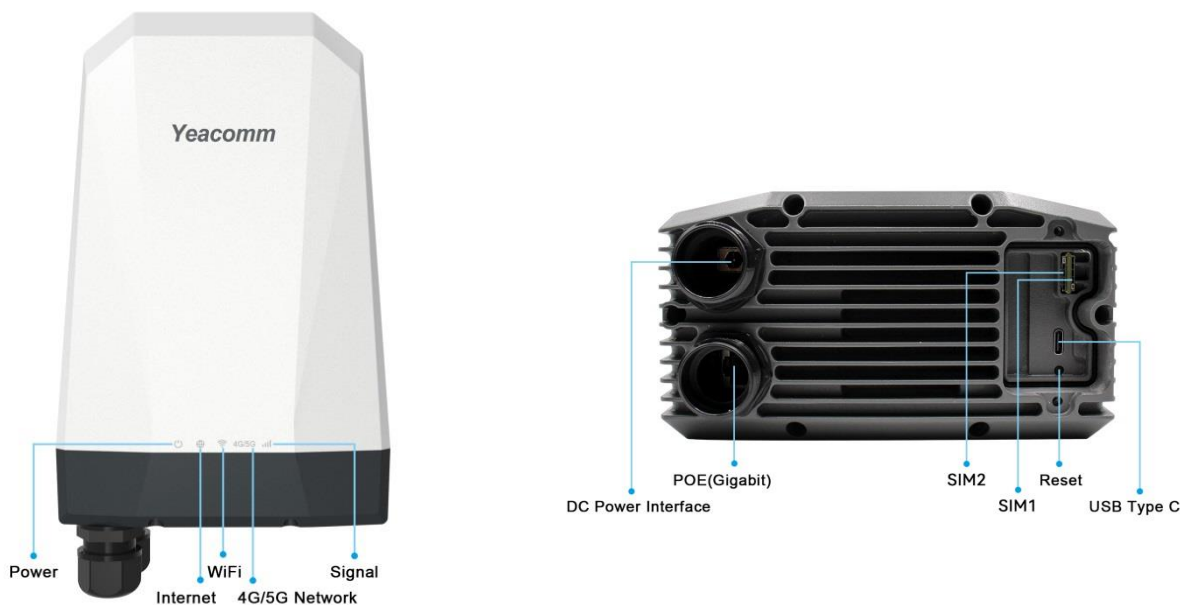
Network Modes

Installation

Wall Mounting

Pole Mounting

Application Scenarios

Home

Travel

Live Streaming

Shopping Mall

Specification

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Cellular Parameters

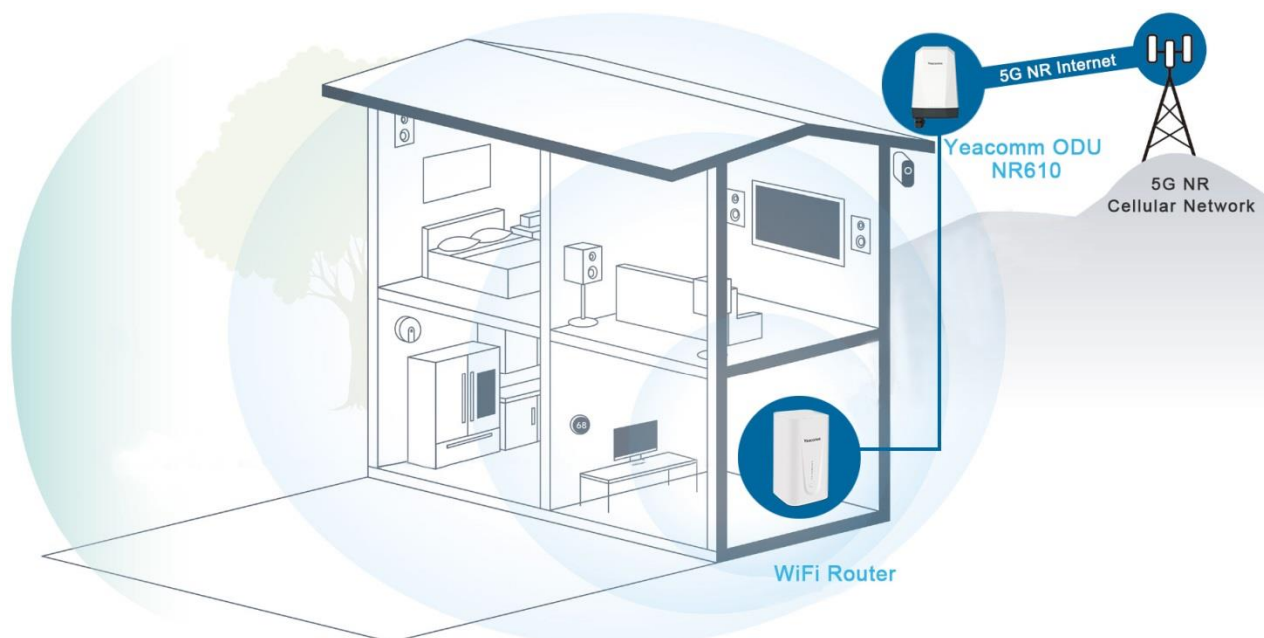|		
Frequency Band	**Standard Version:** 5G NR: N1/3/5/7/8/20/28/38/40/41/75/76/77/78 LTE FDD: B1/3/5/7/8/20/28/32 LTE TDD: B38/40/41/42/43 WCDMA : B1/5/8	**Optional Version :** 5G NR:N1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/ 40/41/48/66/70/71/75/76/77/78/79 LTE-FDD: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/ 28/29/30/32/66/71 LTD-TDD: B34/38/39/40/41/42/43/48 LAA:B46 WCDMA: B1/2/4/5/8/19
MIMO	5G NR: DL 4×4 MIMO,UL 2×2 MIMO LTE: DL 4×4 MIMO	
Theoretical Bandwidth	5G NR: DL 3.47Gbps,UL 900Mbps LTE: DL 1.6Gbps (CAT19),UL 211Mbps (CAT18)	

WIFI Parameters

WIFI	IEEE802.11 a/b/g/n 2.4GHz (only for easy device configuration)

Hardware

CPU	MTK7621 CPU@880MHz,Dual-core
5G Chipset	Qualcomm SDX62
Flash	128MB
DDR3	512MB

Software

Network Status	Signal strength Network type(5G/4G) SIM card status Wi-Fi Status LAN Status
System Status	Mobile parameters, APN/DHCP/Wi-Fi information, Memory details, Version/Device information
Internet Settings	Network mode setup, Data switch, Roaming setup
APN Setup	APN name, Nat Switch on APN bear, PDP(IPV4/IPV6/IPV4V6), MTU size
SIM Card	PIN Management SIM card Authentication
DHCP Setup	Enable/disable DHCP server Configure DHCP IP Pool Configure DHCP Lease Time
Static Route	Route Setup on WAN/LAN interface
DDNS	Support
Band Lock	Support
PCI Lock	Support
Cell Lock	Support
Carrier SIM Lock	Support
VPN	PPTP, L2TP, IPSEC, Wireguard, Zerotier
Backup/restore	Encryption backup current settings and restore the backup settings (Export/Import Configuration)
Work Mode	NAT/ Router mode

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Device Management	
Software Update	WebUI update TR069 update
TR069 (Optional)	HTTP/HTTPS Supports upload / download the ACS specified file Support download CPE configuration file Support configure & queries parameters Support remote upgrade Support cycle monitor
SNMP (Optional)	Support
Diagnostics	Ping/Trace/Tcpdump, Export current diagnosis results and operation logs

Power Supply	
PoE Input	48V/0.3A (IEEE 802.3af)
DC Input	12V/1.5A

Interfaces	
PoE/LAN Port	1 x Gigabit RJ45 LAN Port with PoE
DC Power Interface	1 x Three-core DC locomotive power socket, built-in power reverse protection
Indicator	Power, Internet, WIFI, 4G/5G, Signal
SIM/UIM Card	2 x Nano-SIM Card slots, Compatible with eSIM card
USB Port	Type C 2.0
Reset Button	Reset the parameters to default setting

Physical Characteristics	
Outer Shell	ABS+PC Material Cover with Metal Base
Waterproof Level	IP67
Installation	Pole Mounting or Wall Mounting
Dimensions	241x156x89 mm
Weight	≤1.1kg
Operating Temperature	-30~+60ºC
Storage Temperature	-40~+85ºC
Humidity	5%-95% (No-condensing)

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Indicators&Interfaces

Power   WiFi   Signal
Internet   4G/5G Network

POE(Gigabit)   SIM2   Reset
DC Power Interface   SIM1   USB Type C

Enjoy High Speed Internet Wherever You Want

5G NR Internet

Yeacomm ODU
NR610

5G NR
Cellular Network

WiFi Router

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