Yeacomm
Make Connection Safer and Easier

Yeacomm Smart 5G ODU

NR610

Outdoor IP67, Dual SIM, 5G SA/NSA

Overview

Yeacomm NR610 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 4.67Gbps

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 6 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, makes it easier to access the Internet.

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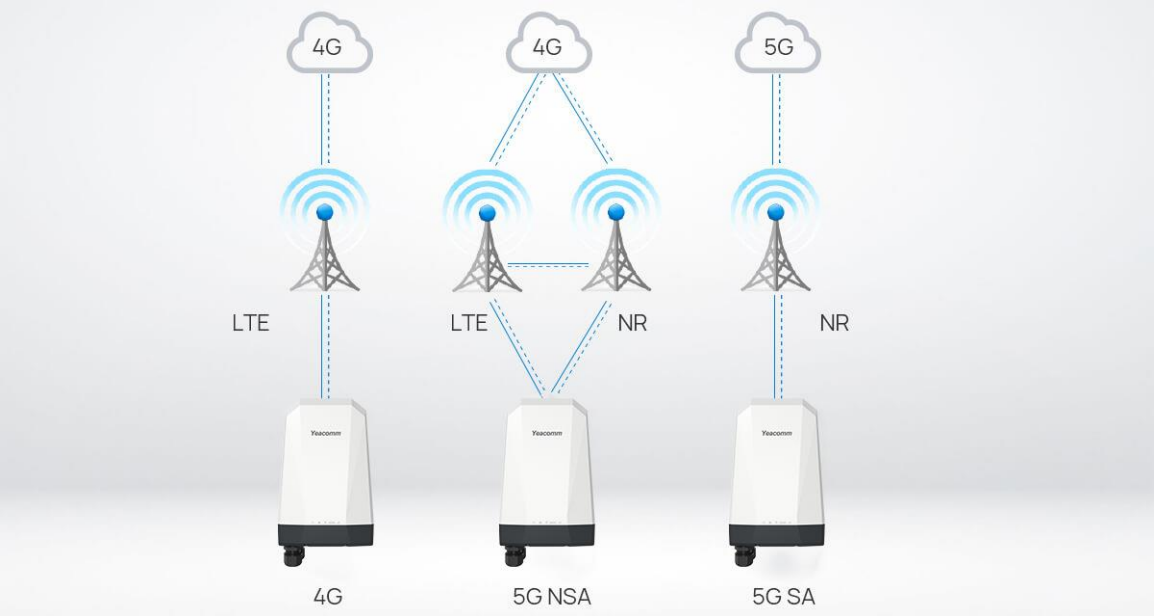
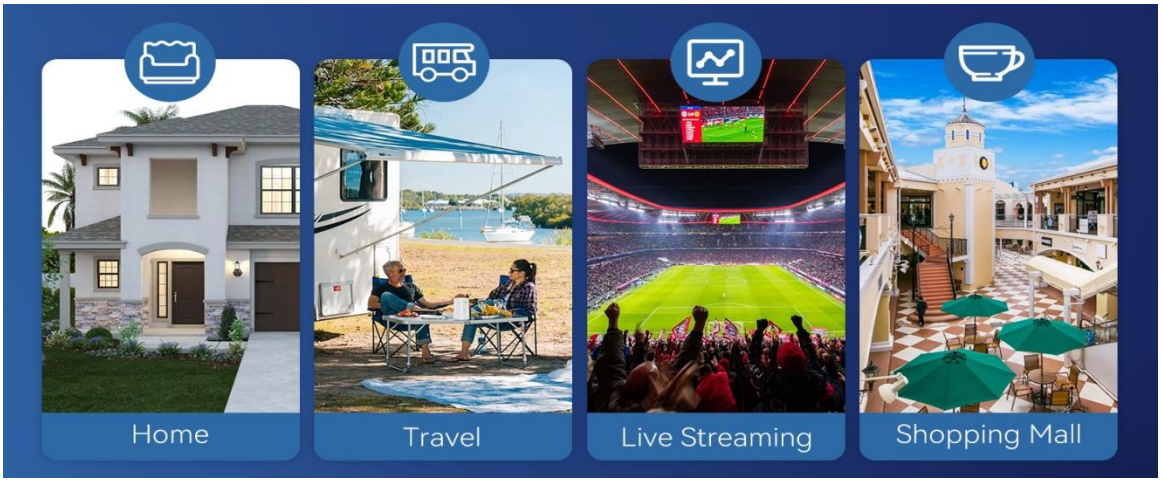
Network Modes



Installation

Application Scenarios

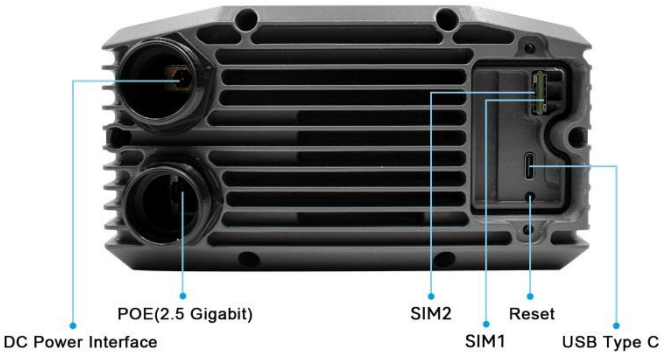


Specification

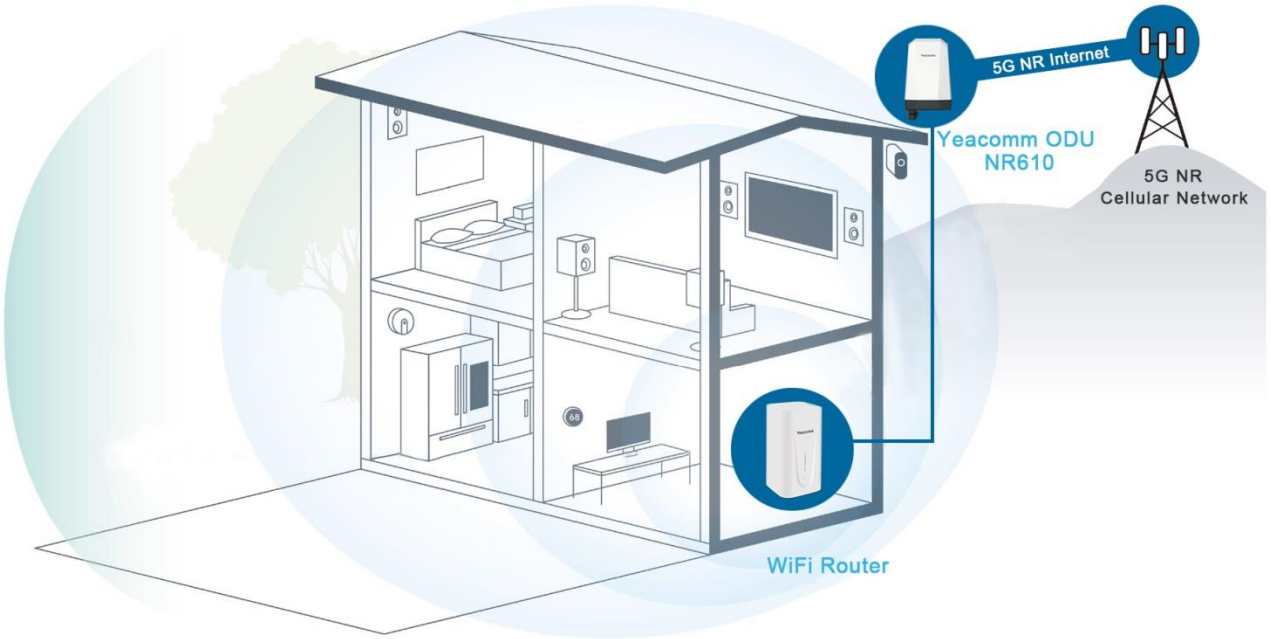
Cellular Parameters		
Frequency Band	**Standard Version:** 5G NR: N1/N3/N5/N7/N8/N20/N28(a&b)/N38/N40/N41 /N77/N78/N79 LTE FDD: B1/B3/B5/B7/B8/B19/B20/28(a&b)/B32 LTE TDD: B38/B40/B41/B42/B43/B46 WCDMA:B1/B5/B8	**Optional Version :** 5G NR:N2/N5/N7/N12/N14/N25/N30/N41/N48/N66/N71 /N77/N78 LTE FDD:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29 /B30/B66/B71 LTE TDD：B41/B46/B48 WCDMA: B2/B4/B5
MIMO	5G NR: DL 4×4 MIMO,UL 2×2 MIMO LTE: DL 4×4 MIMO	
Theoretical Bandwidth	5G NR: Downlink 4.67Gbps, uplink 1.25Gbps LTE-A: Downlink 1.6Gbps, uplink 211Mbps WCDMA/HSPA+: Downlink 42Mbps, uplink 11Mbps	
WIFI Parameters		
WIFI	IEEE802.11 a/b/g/n 2.4GHz (only for easy device configuration)	
Hardware		
CPU	2.0GHz Quad-Core CPU	
Flash	1GB	32GB
LPDDR4	1GB	2GB
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	

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 2.5 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)

Indicators&Interfaces



Enjoy High Speed Internet Wherever You Want



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