



# Yeacomm NR210

## 5G New Radio Sub-6G NSA/SA Outdoor CPE

The Yeacomm NR210 is a 5G outdoor CPE which supports the latest 5G NR technology and full compatible with 4G/3G networks. The product supports advanced Gigabit networking functionalities. It enables wide service coverage and provides high data throughput and networking features to customers who needs easy broadband access.

### Ultra-fast internet connectivity



NR210 is with 2.0GHz high performance quad-core CPU, the 5G download speed is up to 4.67Gbps. It supports 5G carrier aggregation. The wide spectrum bandwidth accelerates internet speeds and reduces network latency for premium and time-sensitive connectivity services.

### Strengthen your core competitiveness with FWA

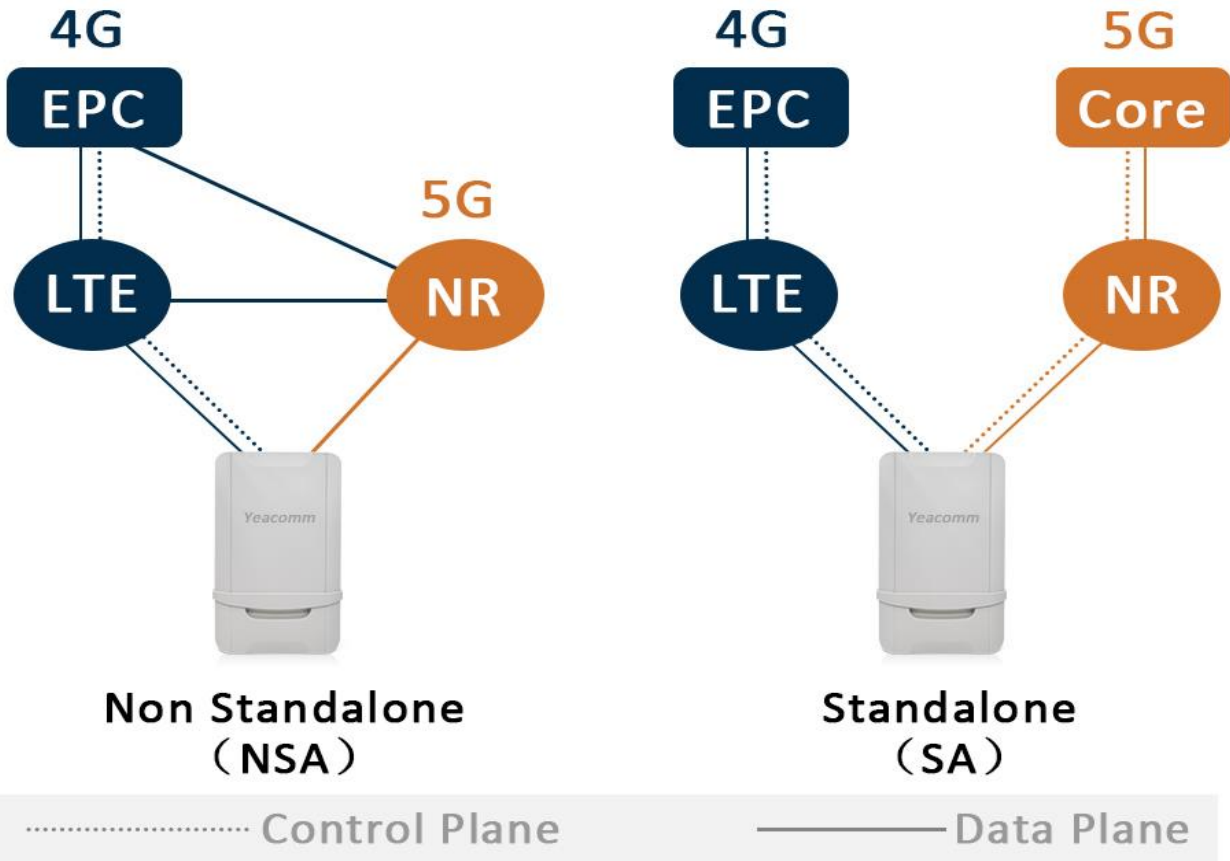
Deploying NR210 as part of Fixed Wireless Access allows you to extend your 5G service coverage into homes and workplaces without extra fix-line broadband. Connecting everywhere, it increases business revenue by supporting a larger number of subscribers with a premium fixed-grade connection. It is the best internet solution for rural areas.

### Easy installation and Environmental durability

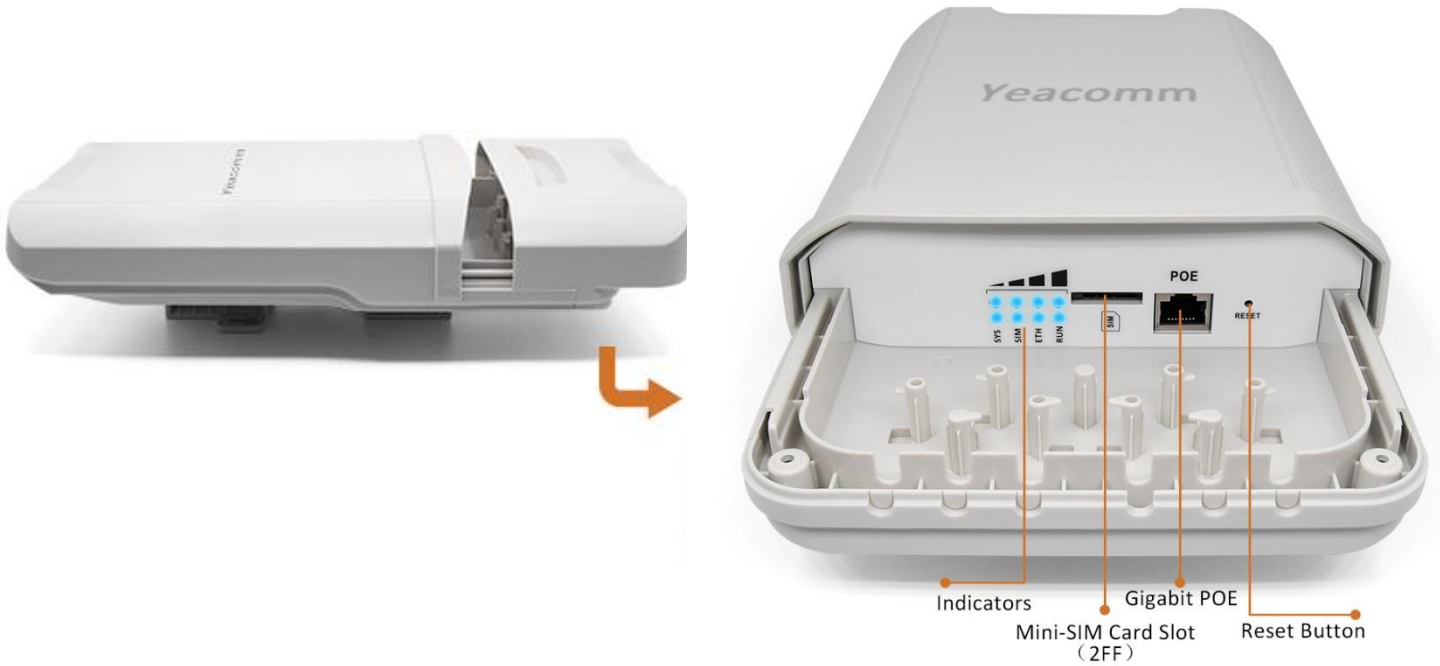
The NR210 is equipped with a flexible pole mounting kit, integrated with Power over Ethernet (PoE), easy to install. With IP65 protection, NR210 can operator within a wide range of temperature and humidity which support your services deployed in wide territorial scopes.

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 NSA/SA dual mode  
 Self-adaptive for working mode
- 
 DL 4x4 MIMO, 8 built-in high gain 4G/5G directional antennas
- 
 NAT ,Bridge and router modes
- 
 IPv4/IPv6 dual stack
- 
 TR069 and SNMP management
- 
 PPTP/L2TP/L2TPv3/GRE
- 
 Remote firmware upgrade

# Yeacomm 5G New Radio Outdoor CPE NSA and SA Architecture



## Indicators&Interfaces



## Technical Specifications

Cellular Parameters		
Frequency Band	Standard Version: 5G NR: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78 LTE: B1/B3/B5/B7/B8/B20/B28/B32/B38/B40/B41/B42/B43 WCDMA:B1/B5/B8	Optional Version : 5G NR: N2/ N5/N7/N12/N25/N41/N48/N66/N71/N77/N78 LTE: B2/B4/B5/B7/B12/B13/B14/B25/B26/B29/B30/B66/B71 WCDMA: B2/B4/B5
MIMO	5G NR: DL 4x4 MIMO, UL 2x2 MIMO LTE: DL 4x4 MIMO	
Theoretical Bandwidth	5G NR: Downlink 4.67Gbps, uplink 2.5Gbps LTE Cat20: Downlink 1.6Gbps, uplink 211Mbps WCDMA/HSPA+: Downlink 42Mbps, uplink 11Mbps	
Hardware		
Chipset	MediaTek T750, 4 core ARM Cortex-A55 CPU @2GHz	
Flash	ROM: 8Gb(Max) Nand	
RAM	RAM: 8Gb(Max) DDR3	
Software		
Data Service	Supports four APNs (two for data, one for voice, and one for management) Supports Multi PDN Supports IPv4/6 dual stack	
LAN	VLAN 802.1Q DHCP Server, Client DNS and DNS proxy DMZ Multicast/Multicast Proxy MAC Address Filtering GPS broadcast to LAN	
SECURITY	Firewall, MAC Address Filtering, IP Address Filtering, URL Filtering, Access Control, HTTPS Login from WAN, Dos attach protection, Hierarchical user management	
Routing	Route Mode Bridge Mode NAT mode Static Route Port Mirror ARP IPv4, IPv6 and IPV4/IPV6 Dual Stack Port forwarding	
SIM Card	PIN Management SIM card Authentication	
DDNS	Support	
Band Lock	Support	
PCI Lock	Support	
Cell Lock	Support	
Carrier SIM Lock	Support	
VPN	PPTP, L2TP, IPSEC,GRE,VPN pass-through	

Device Management	
Version management	Image Checksum Active version and backup version Auto Rollback version when upgrade fails
TR069	Support HTTP/HTTPS url Support remote upgrade Support cycle monitor Support TR143 for remote test Support STUN for Nat pass through
SNMP	Support
HTTP/FTP	Auto upgrade
Web UI, CLI	Different level of user login priority and different limitation and display Encryption backup current settings and restore the backup settings Export of current diagnosis results and operation logs Statistics of LAN link status, transmit and receive traffic and up time
Diagnostics	Support
Power Supply	
Standard Power Supply	AC100V~240V,50Hz~60Hz DC 24V 1.5A DC Passive POE
Power Consumption	< 24W
Interfaces	
PoE Port	1 x Gigabit RJ45 LAN Ports with PoE
Lan Port	1 x 10/100/1000M auto-sensing, auto-MDI/MDIX
Indicator	8 LED Indicators (RUN, SIM, ETH, SYS, RF Signal*4)
SIM Card Slot	1 x 2FF USIM/SIM slot(1.8V/3V), 1x eSIM (Option)
USB Port	miniUSB for Manufacture
Reset Button	Reset the parameters to default setting
Compliance	
EMC compliance	EN 55022: 2006/A1: 2007 (CE&RE) Class B IEC61000-4-2 (ESD) Level 3 IEC61000-4-3 (RS) Level 4 IEC61000-4-4 (EFT) Level 4 IEC61000-4-5 (Surge) Level 4 IEC61000-4-6 (CS) Level 3 IEC61000-4-8(M/S) Level 4
Environment compliance	Cold: IEC 60068-2-1 Dry heat: IEC 60068-2-2 Damp heat cyclic: IEC 60068-2-30 Change of temperature: IEC 60068-2-14 Shock: IEC60068-2-27 Free Fall: IEC60068-2-32 Vibration: IEC60068-2-6
Certification/Compliance	FCC and CE certification complied ROHS, REACH, WEEE
Physical Characteristics	
Dimension	280 x 165 x 56 mm
Weight	700g
Operating Temperature	-30~+55°C
Storage Temperature	-40~+85°C
Humidity	95% Maxton-condensing

## What's in the box?



5G ODU



POE Injector



Power Adaptor



Installed Accessories



RJ45 Cable

A

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