

YEACOMM HIGH SPEED 5G OUTDOOR CPE NR300

Data Sheet



Yeacomm NR300 is a highly advanced Sub-6G 5G NR outdoor CPE specifically designed to meet integrated data needs for residential, business and enterprise users. 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.

Features



Ultra-fast 5G speed up to 2.5Gbps

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 directional cellular antennas ensure the best signal is received.



IP67 rated

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



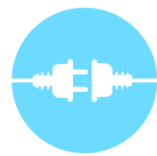
Built-in VPN client support

Support PPTP, L2TP, IPSEC and GRE.



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.

Technical Specifications

Cellular Parameters	
Frequency Band	5G NR: N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79 LTE: B1/B3/B5/B7/B8/B18/B19/B20/B26/B28/B32/ B34/B38/39/B40/B41/B42 WCDMA: B1/B3/B5/B6/B8/B19
MIMO	DL 4x4 MIMO UL 2x2 MIMO
Theoretical Bandwidth	5G NR SA: Downlink Max 2.1Gbps, uplink Max 900Mbps 5G NR NSA: Downlink Max 2.5Gbps, uplink Max 650Mbps LTE: Downlink Max 1.0Gbps, uplink Max 200Mbps WCDMA: Downlink Max 42Mbps, uplink Max 5.76Mbps
Hardware	
Chipset	Qualcomm SDX55
Flash	4GB
RAM	4GB
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	Upload / Download the ACS specified file Download the configuration file Configure & Queries parameters Remote upgrade Remote debugging operations Cycle monitor
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
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)
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	288 x 288 x 88 mm
Weight	2000g
Operating Temperature	-30~+55°C
Storage Temperature	-40~+85°C
Humidity	5%~95%

Indicators&Interfaces



What's in the box?



NR300



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