Yeacomm

YEACOMM HIGH SPEED 4G CAT12 WIFI6 CPE NR330-LA

Data Sheet

Yeacomm NR330-LA employs the high-level practice LTE-A Pro technology with data rates up to 600Mbps,is specifically designed to meet integrated data needs for residential, business and enterprise users, it could provide high-speed and reliable network wherever you want.

Features

High Performance Processor
MTK7621 high performance dual-core CPU ensures the high speed processing performance.

Ultra-fast 4G CAT12 speed up to 600Mbps
It supports 4G LTE-A CAT12 network and download speed is up to 600Mbps.

Super-fast WiFi up to 1.8Gbps
Yeacomm NR330-LA supports WiFi6 and the WiFi speed is up to 1.8Gbps (1200Mbps on 5Ghz and 573Mbps on 2.4Ghz).
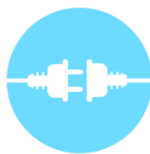
Efficient Heat Dissipation
The metal housing and built-in cooling fan greatly improve the heat dissipation effect and ensure long time high-speed and stable operation.

Multiple functions
It supports Mesh Networking, band lock, PCI lock, bridge mode, TTL setting, multiple VPNs, TR069 etc.

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.
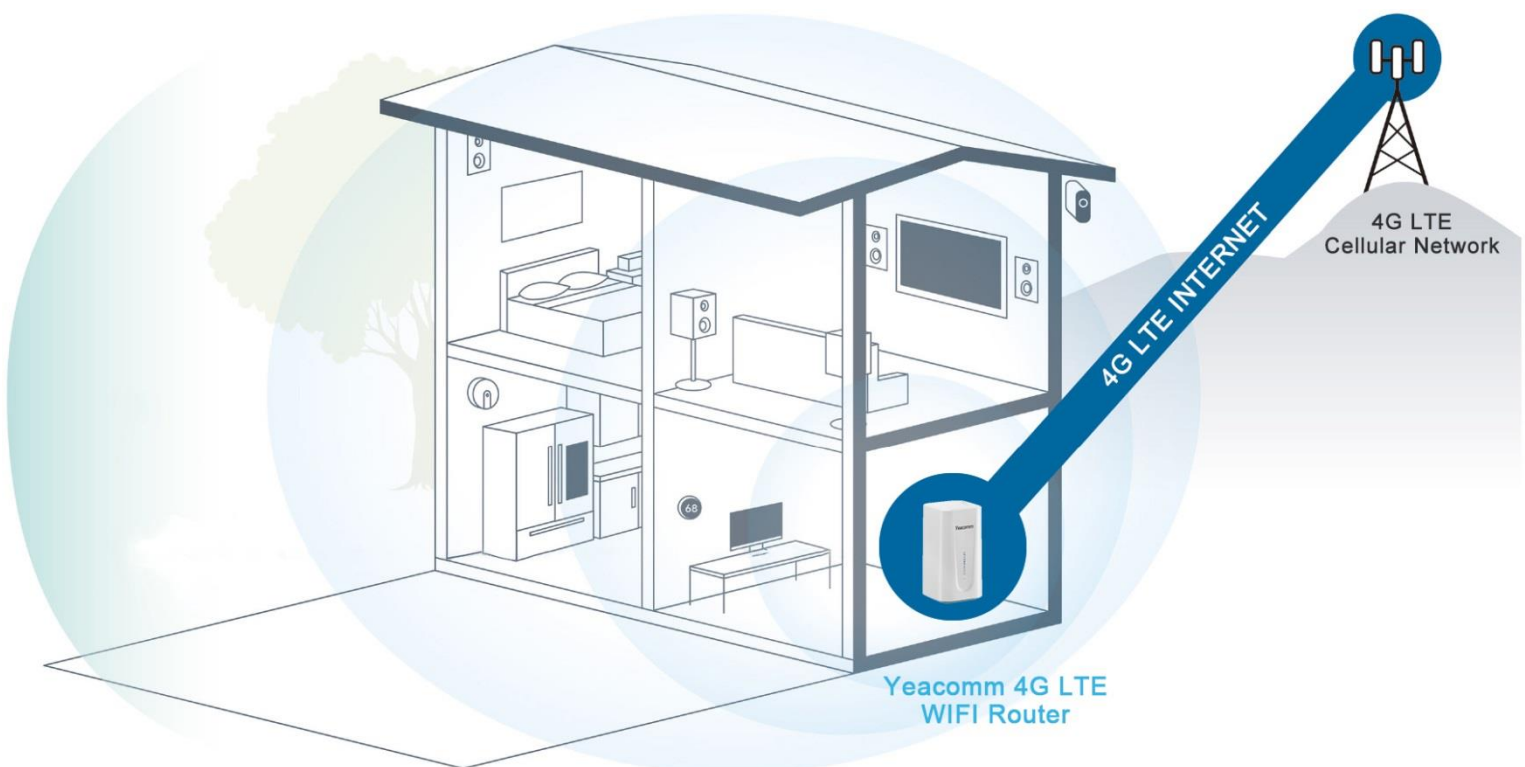
Technical Specifications

Cellular Parameters	
Frequency Band	LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66/B71
	LTE TDD: BB34/B38/B39/B40/B41/B42/B43/B46 (LAA)/B48 (CBRS)
	UMTS WCDMA : B1/B2/B3/B4/B5/B6/B8/B19
	GNSS: GPS/GLONASS/BDS/Galileo
MIMO	LTE: DL 2×2 MIMO
Theoretical Bandwidth	LTE CAT12: DL 600Mbps, UL 150Mbps
	UMTS:
	DC-HSDPA DL 42Mbps
	HSUPA UL 5.76Mbps
	WCDMA DL384Kbps, UL384Kbps

WIFI Parameters	
WIFI Protocol	IEEE802.11 a/b/g/n/ac/ax (WIFI 6)
WIFI Frequency Band	2.4GHz+5GHz
Theoretical Bandwidth	5GHz 4x4MIMO 11ax, 1.2Gbps
	2.4GHz 4x4MIMO 11ax, 0.573Gbps
Channel Bandwidth	20MHz, 40MHz, 80MHz

Hardware	
CPU	MTK7621 CPU@880MHz,Dual-core
Flash	128MB
DDR3	512MB

Software	
Network Status	Signal strength
	Network type(LTE/WCDMA/GPRS)
	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	
Standard Power Supply	DC 12V/3A
Power Supply Range	DC 9~18V
Working Current	< 1.1A (12V)
Interfaces	
LAN/WAN Port	1 x 1Gigabit Ethernet (RJ45), auto MDI/MDIX
LAN Port	1 x 1Gigabit Ethernet (RJ45), auto MDI/MDIX
Indicator	Signal, 4G, WIFI, Power
SIM/UIM Card	Nano-SIM, Compatible with eSIM card
Power Interface	Three-core DC locomotive power socket, built-in power reverse protection
USB Port	Type C 2.0
Button	Reset, WPS
Physical Characteristics	
Outer Shell	ABS Material, protection level IP30
Dimensions	178x98x98 mm
Weight	680g
Operating Temperature	-10~+50ºC
Storage Temperature	-40~+85ºC
Humidity	95% (No-condensing)

Interfaces

Power Button

LAN2/WAN
(Gigabit RJ45)

LAN1 Port
(Gigabit RJ45)

Power

LAN2/WAN

LAN1

Yeacomm   4G CPE

SIM Card Slot

Reset

USB Type C

Nano SIM Card

Nano-SIM   Micro-SIM   Mini-SIM

RESET

Enjoy High Speed Internet Wherever You Want

4G LTE INTERNET

4G LTE
Cellular Network

Yeacomm 4G LTE
WIFI Router

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