





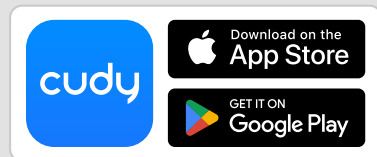


Model: LT300

# 4G N300

Wi-Fi Router with  
USB-C Power Input

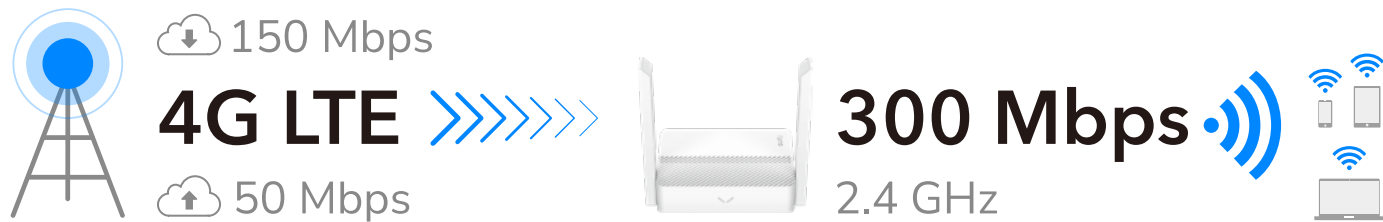
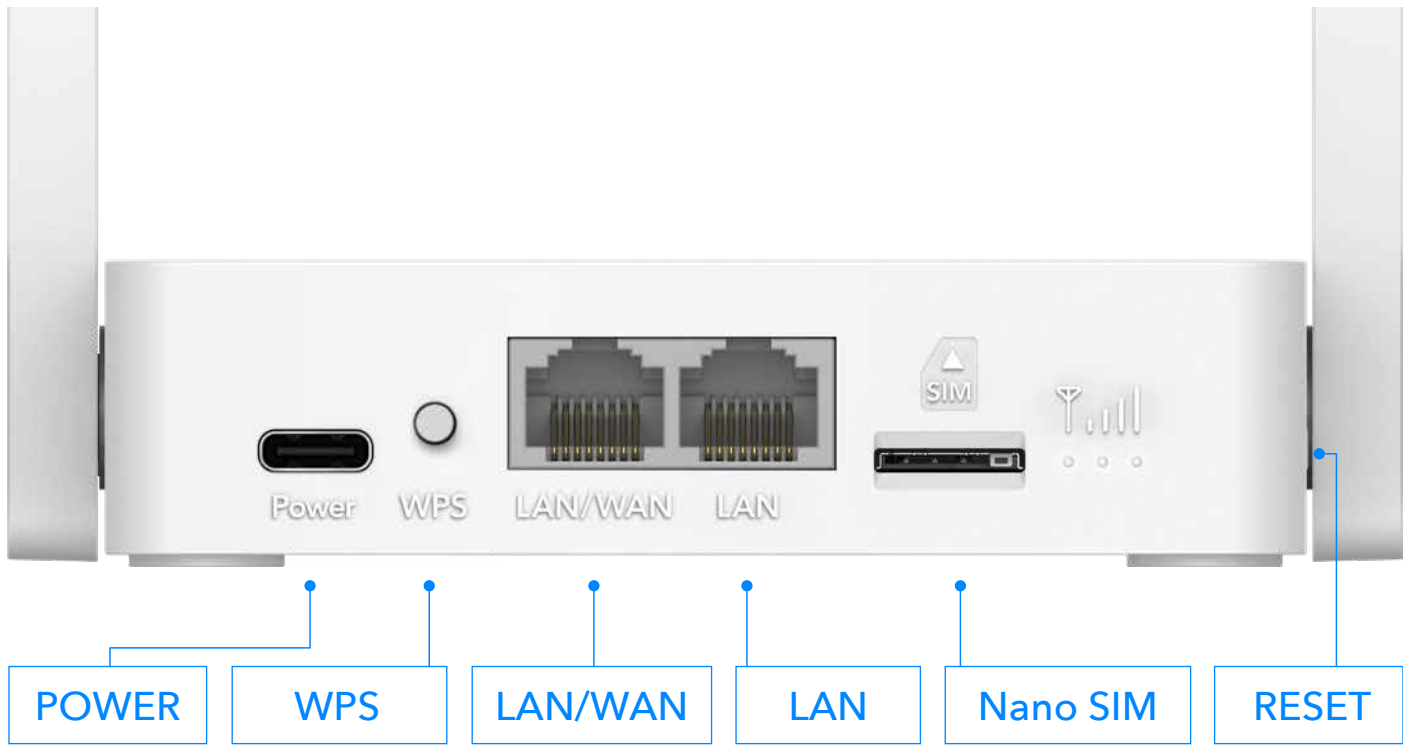
-  Nano SIM Slot Plug And Play
-  300 Mbps Wi-Fi Speed
-  4G LTE Max 150 Mbps
-  Built-in VPN



Easy Setup with Cudy App

[Datasheet](#)





## Plug in a SIM Card to Enjoy the Network



### Home

Plug and play easy-to-install WiFi for every home—no rigid broadband subscription is required.



### Automobile

Provide decent networks for all devices on your road journey.



### Surveillance

Make sure the network is always on with the WAN + WISP + 4G backup function.



### Booth

Utilized the flexible pay-as-you-go plan to equip your temporary booth with a fast network. (SIM card is not included)



## Highlights

Insert a SIM card and get online instantly. LT300 features an USB-C power port to supports standard USB power supply, unlocking more flexible usage. With built-in 300 Mbps Wi-Fi and cellular/WAN port failover, it's perfect for home, retail stores, small offices, business trips, travel, security monitoring.

- Powering via USB-C
- 4G Cat. 4 with Max 150 Mbps DL
- 300 Mbps Wi-Fi
- 1× Nano SIM Slot
- VPN Server and Client
- Cudy App, Cloud Control



## Hardware Specs

CPU	Chipset	MT7628
	CPU Details	580 MHZ Single-Core, MIPS24KEC
Memory /Storage	Flash/ROM	16 MB (128 Mbit ) NOR
	DDR/RAM	64 MB (512 Mbit) DDR2
Cellular	Cellular Standards	4G Cat. 4
	Cellular Antennas	2× Fixed
	SIM Options	1× Nano SIM Slot
	Available Versions	EU, CN, LA

## Hardware Specs

EU Version Cellular	Suitable Region	Europe, Middle East, Africa
	Max DL Speed	150 Mbps (LTE-FDD), 130 Mbps (LTE-TDD)
	Max UL Speed	50 Mbps (LTE-FDD), 30 Mbps (LTE-TDD)
	Advanced	DL 2×2 MIMO
	Cellular Bands	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/5/8
CN Version Cellular	Suitable Region	China, India
	Max DL Speed	150 Mbps (LTE-FDD), 130 Mbps (LTE-TDD)
	Max UL Speed	50 Mbps (LTE-FDD), 30 Mbps (LTE-TDD)
	Advanced	DL 2×2 MIMO
	Cellular Bands	LTE-FDD: B1/3/5/8 LTE-TDD: B34/38/39/40/41 WCDMA: B1/5/8
LA Version Cellular	Suitable Region	Latin America
	Max DL Speed	150 Mbps (LTE-FDD), 130 Mbps (LTE-TDD)
	Max UL Speed	50 Mbps (LTE-FDD), 30 Mbps (LTE-TDD)
	Advanced	DL 2×2 MIMO
	Cellular Bands	LTE FDD: B1/2/3/4/5/7/8/28/66 LTE TDD: B40 WCDMA: B1/2/4/5/8 GSM: 850/900/1800/1900



# Hardware Specs

Wireless	2.4 GHz Wi-Fi Speed	300 Mbps
	2.4 GHz Wi-Fi Streams	2T2R (2×2 MIMO)
	Wi-Fi Antennas	2× Internal
	2.4 GHz Antenna Gain Max	2.83 dBi
	Range Performance	Max: 100 m (328 ft)
		Indoor WiFi range varies depending on the layout and wall materials. See Wall Performance spec for placement suggestions.
Interfaces	Wall Performance	One wooden walls with thickness < 10 cm (4") One concrete wall with thickness < 10 cm (4")
	Physical Buttons	WPS Button
		Reset Button
	10/100 Mbps RJ45 Ports	2
Cellular	Ethernet Notes	One port supports WAN/LAN configuration, and the rest are LAN ports
	SIM Options Copy	1× Nano SIM Slot
Interfaces	LED	System
		Cellular Signal Strength
	Power Input	DC Jack

Power	Power Methods	USB-C Port
	DC	5V 2A
	Power Source Requirements	Requires a DC/PD USB-C port on a power bank, TV, laptop, et
	Max Power Consumption (W)	8W
	Idle Power Consumption (W)	3W
Reliability	ESD Contact Protection	4kV
	ESD Air Protection	8kV
	Environment	Operating Temperature:
		0 °C ~ 40 °C (32 °F ~104 °F)
		Storage Temperature:
		-40 °C ~ 70 °C (-40 °F ~ 158 °F)
		Operating Humidity:
		10% ~ 90% non-condensing
Storage Humidity:		
5% ~ 90% non-condensing		
Certifications	FCC, CE	
Mechanical	Dimension	118×80×27.5 mm
		4.65×3.15×1.08 inches
	Installation	Desktop



# Software Specs

Wireless	Wi-Fi Standards	Wi-Fi 4
	Max Wi-Fi Modulation	64-QAM
	Max Capacity	64
	Recommended Client Upper Limit	30
	Max Wi-Fi Channel Width	40 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Guest Network	2.4 GHz
	WPS	True
General	Operation Modes	Cellular Router
		Wi-Fi Router
		WISP
	Cellular APN	Band Select (Band Lock)
		Cellular Mode Select
		Data Roaming
		APN Profile
		Manual APN Profile
		MBN
		MTU Value
	Cellular Mode	4G Only
		3G Only
		Auto

General	WAN Mode	DHCP
		Static IP
		PPPOE
		L2TP
		PPTP
	Internet Failover Sequence	WAN
		WISP
		Cellular
Network	QoS	Per-User Rate Limiting
		Address Reservation
	DHCP	DHCP Client List
		Server
	IP Versions	IPv4/IPv6
	IPv6 Protocols	Relay
		Dynamic (SLAAC/DHCPv6)
		Static (Fixed IP)
		Passthrough
		464XLAT
		MAP-E
		DS-Lite
	IPTV/VLAN	Bridge
		Tag VLAN



# Software Specs

Network	TTL Customization	Extend
		Spoof
		Custom
	IGMP	IGMP Proxy
		IGMP Snooping
		Port Forwarding
	Forwarding	Port Triggering
		UPnP
		DMZ
	Firewall	SPI Firewall
		DoS Protection
		Block PING
	Application Layer Gateway	IPSec Passthrough
		L2TP Passthrough
		PPTP Passthrough
		FTP Passthrough
		TFTP Passthrough
		H323 Passthrough
		SIP Passthrough
		RTSP Passthrough
Utilities	VPN Server	WireGuard
		OpenVPN
		PPTP
		L2TP

Utilities	VPN Client	WireGuard	
		OpenVPN	
		PPTP	
		L2TP	
	DNS Options	Manual DNS	
		Rebind Protection	
		Override Clients' DNS	
	Online Detection	True	
	Management	All Devices Management	Wi-Fi Time Schedule
			MAC Filter
IP/MAC Binding			
Per-Devices Management		Intenent On/Off	
		VPN On/Off	
		Online Time Schedule	
		Device Rename	
Content Management		Domain Filter	
		IP Filter	
System		Local Control Method	Config Web Page
	App Control		
	Remote Control Method	App Control	
	Firmware Upgrade	Local Update	
		App (Over the Air)	
		Online Update	





# Software Specs

System	Diagnostic Tools	Diagnosis
		Ping
		Traceroute
		NSLookup
		System Log
	Languages	English / Bengali / Catalan / Czech /
		German / Greek / Spanish / French /
		Hebrew / Croatian / Hungarian /
		Italian / Japanese / Khmer / Korean /
		Dutch / Norwegian / Polish /
		Portuguese / Romanian / Russian /
		Slovak / Swedish / Thai / Turkish
		Ukrainian / Vietnamese /
		Simplified Chinese /
		Traditional Chinese
	Reliability	Timed Reboot
		Backup and Restore

Dashboard	Panel	Internet Status
		Devices Management
		Cellular Status
		WAN Status
		LAN Status
		WISP Status
		Wi-Fi Status
		VPN Status
		DHCP Server Status
		System Version
	Charts	Cellular Speed
		Internet Speed
		WISP Speed
		Wi-Fi Speed

# Package Content

- LT300
- USB-C to USB-C Power Cable
- Installation Guide