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

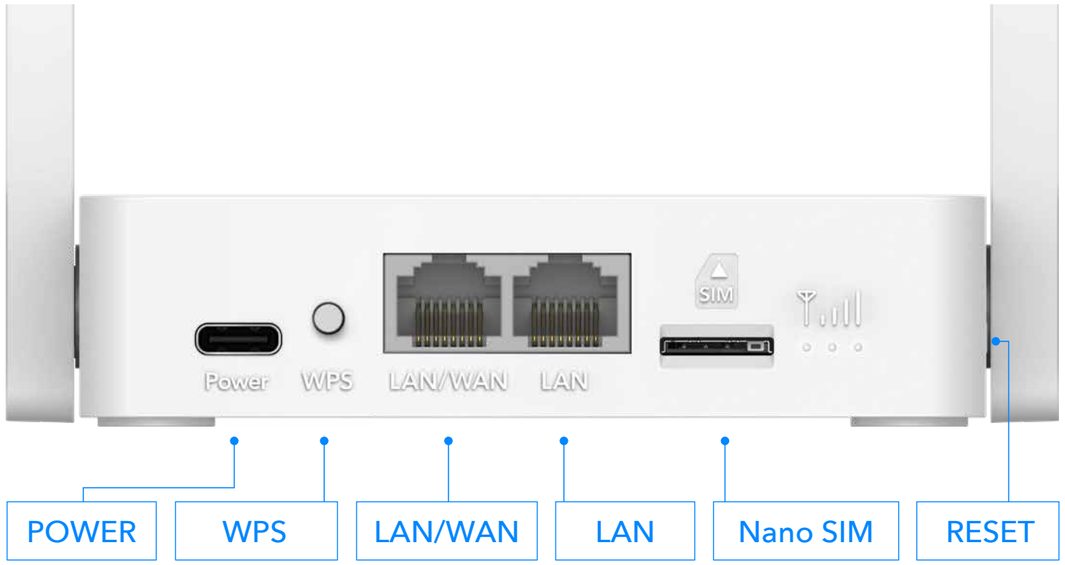
Download on the App Store

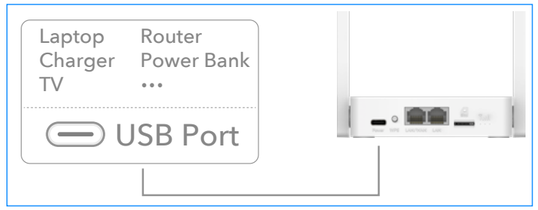
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Easy Setup with Cudy App

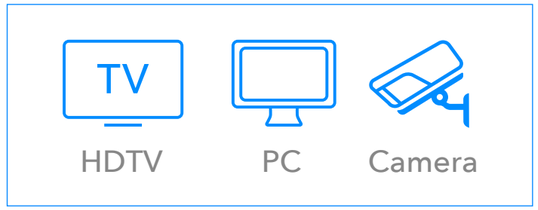


Datasheet





Power Source



Client Devices



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	Suitable Region	Europe, Middle East, Africa
Cellular	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	Suitable Region	China, India
Cellular	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	Suitable Region	Latin America
Cellular	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.
	Wall Performance	One wooden walls with thickness < 10 cm (4'')
		One concrete wall with thickness < 10 cm (4'')
Interfaces	Physical Buttons	WPS Button
		Reset Button
	10/100 Mbps RJ45 Ports	2
	Ethernet Notes	One port supports WAN/LAN configuration, and the rest are LAN ports
Cellular	SIM Options Copy	1× Nano SIM Slot
Interfaces	LED	System
		Cellular Signal Strength
	Power Input	USB-C Port

Power	Power Methods	USB-C 5V 2A
	Power Source Requirements	Requires a USB-C powering port (power adapter, power bank, computer, laptop, etc.)
	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
	DHCP	Address Reservation
		DHCP Client List
		Server
	IP Versions	IPv4/IPv6
	IPv6 Protocols	Relay
		Dynamic (SLAAC/DHCPv6)
		Staic (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
	Forwarding	Port 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

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CE DECLARATION OF CONFORMITY

For the following equipment:
Product Name: 4G LTE N300 Wi-Fi Router
Model Number: LT300
Trademark: Cudy

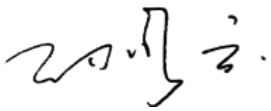
We declare under our own responsibility that the above product satisfies all the technical regulations applicable to the product within the scope of Council Directives:
Directive 2014/30/EU, Directive 2014/35/EU, Directive 2014/53/EU, Directive 2011/65/EU, Directive (EU) 2015/863, Directive 2009/125/EC, Directive (EU)2023/826

The product was developed under consideration of **Regulation (EU) 2019/1782**.

The above product is in conformity with the following standards or other normative documents:

EN 55032:2015+A1:2020
EN 55032:2015+A11:2020
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021+AC:2022
EN 55035:2017+A11:2020
EN IEC 62368-1:2020+A11:2020
ETSI EN 301 489-1 V2.2.3 (2019-11)
ETSI EN 301 489-17 V3.2.4 (2020-09)
ETSI EN 301 489-52 V1.2.1 (2021-11)
ETSI EN 300 328 V2.2.2 (2019-07)
ETSI EN 301 908-13 V13.2.1 (2022-02)
ETSI EN 301 908-1 V15.2.1 (2023-01)
EN 50385:2017
EN IEC 62311:2020
EN 62232:2017

Person responsible for making this declaration:
Sun Qiaoyun
Regulatory Compliance Manager
Place of issue: Shenzhen, China
Date of issue: 2025-7-7



Shenzhen Cudy Technology Co., Ltd.
7/F, Lepu Tower (West), 66 Xingke Rd, Nanshan, Shenzhen, China
www.cudy.com

CE

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ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

Για τον ακόλουθο εξοπλισμό:
Όνομα Προϊόντος: 4G LTE N300 Wi-Fi Router
Αριθμός Μοντέλου: LT300
Εμπορικό Σήμα: Cudy

Διακηρύσσουμε με κάθε ευθύνη ότι το παραπάνω προϊόν συμμορφώνεται με όλους τους τεχνικούς κανονισμούς που ισχύουν για το προϊόν, εντός του αντικειμένου των Κοινοτικών Οδηγιών: **Οδηγία 2014/30/ΕΕ, Οδηγία 2014/35/ΕΕ, Οδηγία 2014/53/ΕΕ, Οδηγία 2011/65/ ΕΕ, Οδηγία (ΕΕ) 2015/863, Οδηγία2009/125/ΕΚ, Οδηγία(ΕΕ)2023/826**

Το προϊόν αυτό έχει αναπτυχθεί σύμφωνα με την **Κανονισμός (ΕΕ) 2019/1782**.

Το παραπάνω προϊόν βρίσκεται σε συμμόρφωση με τα ακόλουθα πρότυπα ή άλλα έγγραφα συμμόρφωσης:

EN 55032:2015+A1:2020
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EN IEC 62311:2020
EN 62232:2017

Υπεύθυνος για τη δήλωση αυτή:
Sun Qiaoyun
Διευθυντής κανονιστικής συμμόρφωσης
Τόπος έκδοσης: Shenzhen, Κίνα
Ημερομηνία έκδοσης: 2025-7-7

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