ComX Computers
Product Specification Sheet

LT300

Cudy LT300 4G LTE N300 Wi-Fi Router - White

Product Overview

Cudy LT300 4G LTE N300 Wi-Fi Router - White, 4G Cat. 4 Cellular standards, 2x fixed Cellular antennas, 1x Nano SIM slot, 150 Mbps Max DL Speed, 50 Mbps Max UL Speed, 300 Mbps @ 2.4GHz Wi-Fi Speed, 2x internal Wi-Fi antennas, 2x 10/100 Mbps RJ45 Ports









Specifications

Overview:

The Cudy LT300 4G LTE N300 Wi-Fi Router is a compact, plug-and-play networking solution designed for versatile scenarios including home use, office setups, surveillance systems, exhibitions, and RV travel. With a built-in Nano SIM slot and support for 4G LTE Cat. 4, this router offers uninterrupted wireless connectivity without the need for a traditional broadband contract. Its dual 10/100Mbps Ethernet ports provide reliable wired options, while 2.4GHz Wi-Fi speeds of up to 300Mbps ensure stable performance for your everyday devices.

Engineered for uninterrupted internet access, the LT300 features WAN failover, allowing it to switch between broadband, WISP, and cellular networks to maintain a stable connection. This is ideal for areas with unreliable internet or for mobile setups where consistent access is essential. Equipped with 2x2 MIMO internal antennas, the router delivers broad wireless coverage with up to 100 meters of range, making it suitable for both indoor and outdoor deployments depending on your environment.

Setting up the LT300 takes only minutes thanks to its intuitive interface and clear system status panel. Parents can regulate online activity with built-in tools like bedtime scheduling and domain blacklisting, while professionals can take advantage of

robust VPN capabilities including OpenVPN, WireGuard, L2TP, and PPTP for secure and private browsing. With WPA3 encryption, your wireless communications stay protected against data breaches and unauthorised access.

Manage your network anytime, anywhere with the Cudy App, which offers both cloud-based and local control options. Monitor system activity, adjust settings, or troubleshoot remotely with ease. Designed with practical physical features like WPS and reset buttons, signal strength LEDs, and low 8W power consumption, the LT300 balances performance, security, and convenience in one streamlined unit. Certified by FCC and CE, it's built for reliability across Europe, the Middle East, and Africa.

Features:

- 4G LTE and 2x MIMO Fast Wi-Fi
- 300Mbps Wi-Fi support
- WAN Failover for high redundancy
- 100+ Carriers making it highly compatible
- VPN server and client support
- Cudy App Cloud Control
- Nano SIM Slot x1

WHAT'S IN THE BOX:

- Cudy LT300 4G LTE N300 Wi-Fi Router - White x1
- Power Adapter x1
- Ethernet Cable x1
- Installation Guide x1

Specifications:

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Specifications	
Product Code	LT300
Model Version	LT300 2.0
CPU	
CPU Details	580 MHZ Single-Core, MIPS24KEC
Memory/Storage	
Flash/ROM	8 MB (64 Mbit) NOR
DDR/RAM	64 MB (512 Mbit) DDR2
Cellular	
Cellular Standards	4G Cat. 4
Cellular Antennas	2 x Fixed
SIM Options	1 x Nano SIM Slot
Available Versions	EU, CN
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 x 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 x 2 MIMO
CN Cellular Bands	LTE-FDD: B1/3/5/8
	LTE-TDD:
	B34/38/39/40/41
	WCDMA: B1/5/8
	GSM: B3/8
Wireless	
2.4 GHz Wi-Fi Speed	300 Mbps
2.4 GHz Wi-Fi Streams	2T2R (2 x 2 MIMO)
Wi-Fi Antennas	2 x Internal
2.4 GHz Antenna Gain Max	2.83 dBi
FEM or PA/LNA	2.4 GHz: 2 x Internal
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	1 x RJ45 port is WAN/LAN configurable, and the rest are LAN ports
LED	System
	Cellular Signal Strength
Power Input	DC Jack
Power	
Power Methods	DC
DC	12V 1A

Power Adapter	Input: 100 ~ 240 V, 50/60 Hz AC
	Output: 12V 1A DC
Max Power Consumption (W)	8W
Idle Power Consumption (W)	3W
Reliability	
EMS	ESD: Contact: 4kV , Air: 8kV
Environment	Operating Temperature: 0 degreesC ~ 40 degreesC (32 degreesF ~104 degreesF)
	Storage Temperature: -40 degreesC ~ 70 degreesC (-40 degreesF ~ 158 degreesF)
	Operating Humidity: 10% ~ 90% non-condensing
	Storage Humidity: 5% ~ 90% non-condensing
Certifications	FCC, CE
Mechanical	
Dimension	118 x 80 x 27.5 mm
	4.65 x 3.15 x 1.08 inches
Product Weight	172.2 g (6.07 oz.)
Installation	Desktop
Ordering Information	
Retail Package Weight	EU: 366.5 g (12.93 oz.)
Retail Package Dimension	176 x 140.5 x 56 mm
	6.93 x 5.53 x 2.2 inches
Units per Carton	40
Carton Net Weight	EU: 14.62 kg (32.23 lbs)
Carton Gross Weight	EU: 15.44 kg (34.04 lbs)
Carton Dimension	60 x 30 x 37.5 cm
	23.62 x 11.81 x 14.76 inches

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/LT300-Cudy-LT300-4G-LTE-N300-Wi-Fi-Router-White-p-322267.php

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