Model: LT400 2.0

4G N300 Wi-Fi Router



Datasheet

Highlights

A 4G WiFi router with a nano-SIM slot and four Ethernet ports, providing easy-to-install flexible networks for home, office, surveillance, exhibitions, and RV scenarios.

- 4G Cat. 4 with Max 150 Mbps DL
- 300 Mbps Wi-Fi
- 4× Fast Ethernet Ports
- 1× Nano SIM Slot
- VPN Server and Client
- Cudy App

Actual cellular speeds will vary depending on carrier conditions and environmental factors such as cellular base station location/distance, nearby clients density, building layout, and physical obstacles.

Actual wireless data throughput will vary as a result of network conditions, client limitations, and environmental factors including building layout, obstacles, and client location.

Package Content

- LT400
- Power Adapter
- Ethernet Cable
- Installation Guide

Hardware Specs

Model Version	LT400 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× Fixed
	SIM Options	1× Nano SIM Slot
	Available Versions	EU, US, AU, CN
EU Version Cellular	Suitable Regions	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

EU Version Cellular	Cellular Bands	LTE-FDD: B1/3/5/7/8/20/28 LTE-TDD: B38/40/41 WCDMA: B1/5/8
US Version Cellular	Suitable Region	United States, Canada
	Max DL Speed	150 Mbps
	Max UL Speed	50 Mbps
	Advanced	DL 2×2 MIMO
	Cellular Bands	LTE-FDD: B2/4/5/12/13/14/66/71 WCDMA: B2/4/5
AU Version Cellular	Suitable Regions	Latin America, Australia, New Zealand
	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

Hardware Specs

AU Version Cellular	Cellular Bands	LTE-FDD: B1/2/3/4/5/7/8/28/66 LTE-TDD: B40 WCDMA: B1/2/4/5/8 GSM: B2/3/5/8
CN Version Cellular	Suitable Regions	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 GSM: B3/8
Wireless	2.4 GHz Wi-Fi Speed	300 Mbps
	2.4 GHz Wi-Fi Streams	2 Spatial Streams
	Wi-Fi Antennas	2× Fixed

Wireless	Beamforming	True
	FEM or PA/LNA	2.4 GHz: 2× Internal
	Range Performance	Max: 130 m (427 ft) Tested in open-space environments with minimal interference. Actual WiFi range may vary depending on layout and wall materials. Refer to the Wall Performance specifications for placement suggestions.
	Wall Performance	One wooden walls with thickness < 10 cm (4'') One concrete wall with thickness < 10 cm (4'')
Interfaces	10/100 Mbps RJ45 Ports	4
	Ethernet Notes	1× RJ45 port is WAN/LAN configurable, and the rest are LAN ports
Buttons and LEDs	Physical Buttons	Reset Button

Hardware Specs

Buttons and LEDs	LED	Cellular, Wi-Fi, LAN, WAN/LAN, Internet, Power
Power	Power Input Type	DC Jack
	Power Methods	DC
	Power Input	12V⎓1A
	Power Adapter In the Box	Input: 100-240V~, 50/60Hz Output: 12V⎓1A
Reliability	EMC	ESD: Contact: 4kV; Air: 8kV
	Environment	Operating Temperature: 0 ℃ ~ 40 ℃ (32 ℉ ~104 ℉) Storage Temperature: -40 ℃ ~ 70 ℃ (-40 ℉ ~ 158 ℉) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5% ~ 90% non-condensing
Certifications	FCC, CE	

Mechanical	Dimension	Main Part: 229×123×32.7 mm 9.02×4.84×1.29 inches Antenna: 200 mm 7.87 inches
	Product Weight	• EU: 276 g (9.74 oz.) • ZH: 278.6 g (9.83 oz.)
	Installation	• Desktop • Wall-mount
Package Content	• LT400 • Power Adapter • Ethernet Cable • Installation Guide	
Ordering Information	Retail Package Weight	• AU: 758 g (26.74 oz.) • EU: 775 g (27.34 oz.) • UK: 805 g (28.4 oz.) • US: 774 g (27.3 oz.) • ZH: 701.8 g (24.76 oz.)

Hardware Specs

Ordering Information	Carton Net Weight	• AU: 7.6 kg (16.76 lbs) • EU: 7.8 kg (17.2 lbs) • UK: 8.0 kg (17.64 lbs) • US: 7.8 kg (17.2 lbs) • ZH: 7.0 kg (15.43 lbs)
	Carton Gross Weight	• AU: 8.25 kg (18.19 lbs) • EU: 8.85 kg (19.51 lbs) • UK: 9.0 kg (19.84 lbs) • US: 8.4 kg (18.52 lbs) • ZH: 8.1 kg (17.86 lbs)

Software Specs

Model Version	LT400 2.0	
Wireless	Wi-Fi Standards	Wi-Fi 4
	Max Wi-Fi Modulation	64-QAM
	Max Capacity	64
	Recommended Client Upper Limit	30
	Wi-Fi Channel Width	Auto/20/40 MHz
	Wi-Fi Security	WPA/WPA2/WPA3
	Guest Network	2.4 GHz
	WPS	True
General	Operation Modes	• Cellular Router • Wi-Fi Router • WISP

Software Specs

General	Cellular APN	• Band Select (Band Lock) • Cellular Mode Select • Data Roaming • APN Profile • Manual APN Profile • MBN • MTU Value
	Cellular Mode	• 4G Only • Auto
	WAN Mode	• DHCP • Static IP • PPPOE
	Internet Failover Sequence	• WAN • WISP • Cellular
Network	QoS	Per-User Rate Limiting
	DHCP	• Address Reservation • DHCP Client List • Server
	IP Versions	IPv4/IPv6

Network	IPv6 Protocols	• Relay • Dynamic (SLAAC/DHCPv6) • Static (Fixed IP) • Passthrough • 464XLAT • MAP-E • DS-Lite
	Multicast	True
	IPTV/VLAN	• Bridge • Tag VLAN
	TTL Customization	• Extend • Spoof • Custom
	IGMP	• IGMP Proxy • IGMP Snooping
	Forwarding	• Port Forwarding • Port Triggering • UPnP • DMZ
	Firewall	• SPI Firewall • DoS Protection • Block PING

Software Specs

Network	Application Layer Gateway	• IPSec Passthrough • L2TP Passthrough • PPTP Passthrough • FTP Passthrough • TFTP Passthrough • H323 Passthrough • SIP Passthrough • RTSP Passthrough
Utilities	VPN Server	• WireGuard • OpenVPN • Zerotier • PPTP • L2TP
	VPN Client	• WireGuard • OpenVPN • Zerotier • PPTP • L2TP
	DNS Options	• Manual DNS • Rebind Protection • Override Clients' DNS

Utilities	SMS	• Send • Receive • USSD (Optional for Bulk Order)
	Online Detection	True
Management	Parental Controls	• Profiles Settings • Offline Time • Online Time • Pause the Internet • Web Filter
	All Devices Management	• Wi-Fi Time Schedule • MAC Filter • IP/MAC Binding
	Per-Devices Management	• Internet On/Off • VPN On/Off • Online Time Schedule • Device Rename
	Content Management	• Domain Filtering • IP Filtering
System	Local Control Method	• Config Web Page • App Control

Software Specs

System	Remote Control Method	Config Page via HTTP
	Firmware Upgrade	Local Update
	Diagnostic Tools	• Diagnosis • Ping • Traceroute • NSLookup • System Log
	Languages	• English • German • Spanish • French • Hebrew • Italian • Portuguese • Korean
	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
Wireless	Separate Client	True