

Model: LT15V

4G LTE

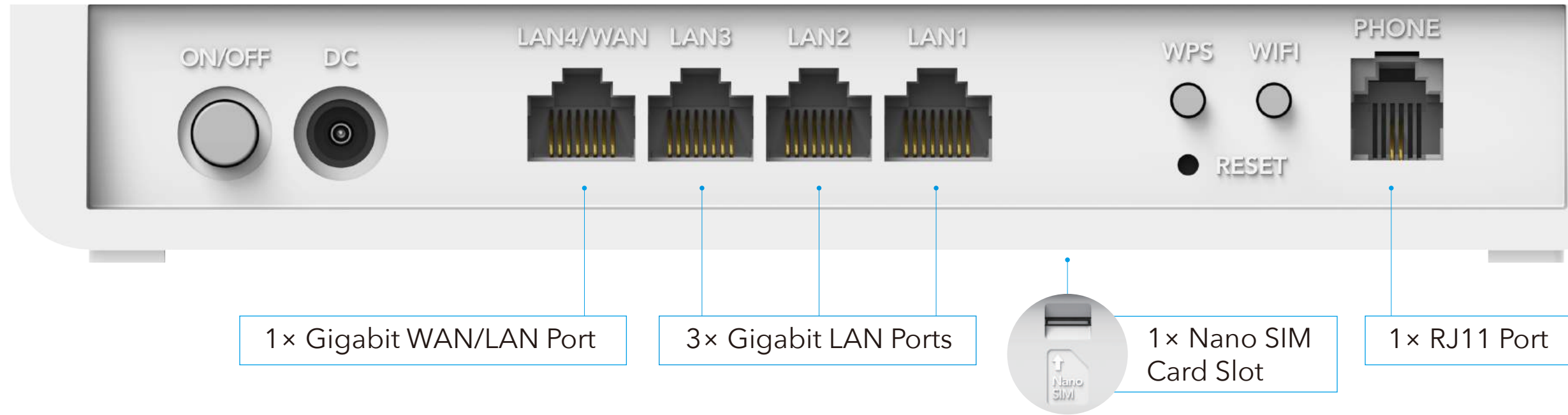
Cat 12 VoLTE Wi-Fi 6 Router

- ✓ 4G LTE FDD & TDD Cat 12
- ✓ Super-Fast AX3000 Wi-Fi 6
- 🖨️ 4 Gigabit Ethernet ports
- 🌐 VPN Server and VPN Client
- 🌐 DNS over Cloudflare/Google/Quad9
- 📞 Voice over LTE





Fast Wi-Fi and HD Calling, All in One.




Wi-Fi 6
Next Generation WiFi 6

Cat.12
Lightning-fast 4G LTE Cat.12


 **VoLTE**
Support Voice Function

AX3000
Extremely-Fast WiFi

1.3GHz
Dual Core Processor



Future-Proof Remote Management with
TR-069



Band Lock

Band Select



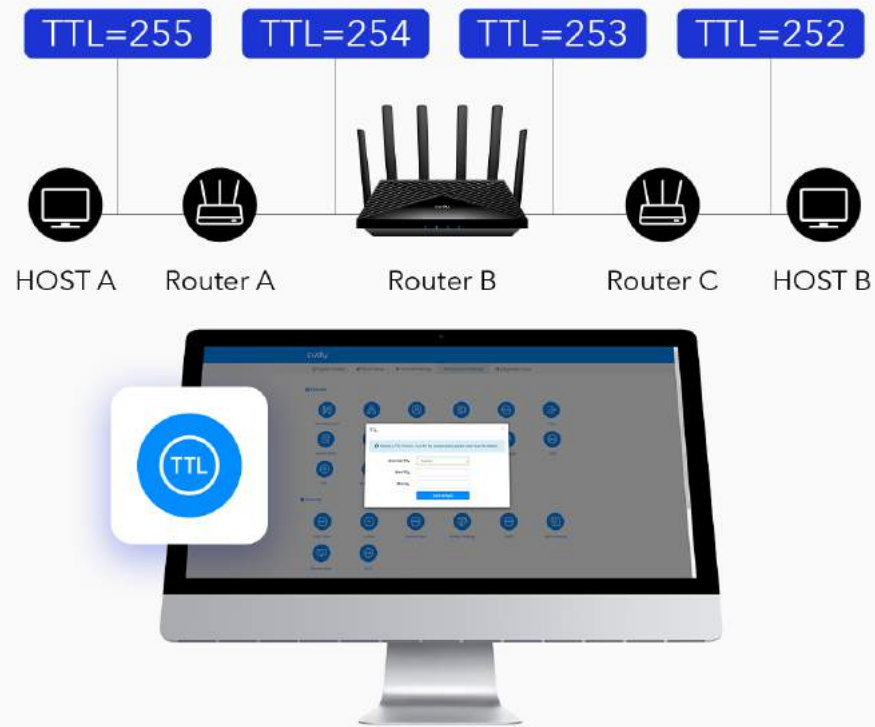
LTE Bands

- B1
- B3
- B5
- B7
- B8
- B20
- B28
- B32
- B38
- B40
- B41

Band Lock

4G band lock make it possible to lock the 4G working frequency to one or several bands to keep the stability of operation.

TTL Settings



TTL Settings

Support manual set TTL values to meet ISP's requirement (such as Verizon, Visible). Support set IPv4 TTL and IPv6 HL Values.

DNS over TLS



DNS over TLS

Support DNS over TLS to encryption browsing request so to protect your web browsing from leaking and manipulation.



Highlight

- 4G LTE Advanced Pro Cat. 12 up to 600 Mbps DL Speed
- Speedy AX3000 Dual-Band Wi-Fi 6
- Crystal-Clear Calling with VoLTE via a RJ11 Port
- 4× Gigabit Ethernet Ports with WAN Failover
- 2× SMA Connectors for External Antennas Installation
- DNS over TLS with Cloudflare/Google/Quad9
- Zerotier/Wireguard/OpenVPN/IPSec/L2TP/PPTP VPN
- Nano SIM Slot and Optional eSIM

Cellular and Wireless

Cellular Standards	4G LTE Cat. 12 up to 600 Mbps / 150 Mbps (DL/UL)
Cellular Bands	See Available Versions section
Wi-Fi Standards	Wi-Fi 6 (802.11ax/ac/n/g/b/a)
Wi-Fi Speed	Up to 2402 Mbps on 5 GHz Up to 574 Mbps on 2.4 GHz
Wi-Fi Encryption	WPA-PSK, WPA2-PSK, WPA3, WPA-PSK/WPA2-PSK
Wi-Fi Features	WPA-PSK/WPA2-PSK, WPA2-PSK/WPA3 DL/UL OFDMA, DL/UL MU-MIMO, Beamforming

Hardware

CPU	1.3 GHz Dual-Core Cortex-A53 Processor
DRAM	256 MB (2 Gbit) DDR3
Flash	128 MB (1 Gbit) Nand
Ethernet Ports	1× GbE WAN/LAN + 3× GbE LAN
FXS Port	1× RJ11 Port (VoLTE)
SIM Card Slot	Nano SIM Slot (Optional eSIM)
Buttons	1× WPS Button, 1× Reset Button, 1× Power On/Off, 1× Wi-Fi On/Off
Antennas	3× Internal WiFi Antennas 2× Internal Cellular Antennas 2× Detachable Cellular Antennas (Optional)
LED	LED indicators (Power, WiFi, Internet, Signal)

Available Versions

LT15V (EU) 1.0	4G LTE Cat. 12
Europe, Australia, Brazil	LTE-FDD: B1/3/5/7/8/20/28/32 LTE-TDD: B38/40/41 Up to 3 × CA: Intra-band and Inter-band; WCDMA: B1/3/5/8
LT15V (US) 1.0	4G LTE Cat. 12
North America	LTE-FDD: B2/4/5/7/12/13/14/25/26/29/30/66/71 ; LTE-TDD: B41/48

Software

DHCP	Server, Client List
NAT	Port Forwarding, Port Triggering, UPnP, DMZ
Firewall	Mac Filter, IP Filter, Domain Filter
DDNS	Compatible with 15 more DDNS providers
VPN Sever & Client	Zerotier/Wireguard/OpenVPN/IPSec/L2TP/PPTP
DNS over TLS	Cloudflare/Google/Quad9
Schedule	Schedule Reboot /Wi-Fi Schedule
SMS	Send Message
	Receive Message
Internet Protocols	IPv4/IPv6
IPv6	Relay
	Dynamic (SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	MAP-E (Dual-stack)
	DS-Lite (Dual-stack)
Voice Feature	VoLTE
Quality of Service (QoS)	Support
TTL configuration	Support
Band Lock (Band Select)	Support
CWMP Protocols	TR069 / TR098 / TR111 / TR181

Other

Dimensions (WxDxH)	Product: 190×148.8×50 mm (7.48×5.86×1.97 inches)
	Package: 270x167x58mm (10.6x6.5x2.2inches)
Power	AC Adapter: Input: 90~260V
	DC Input (12 V / 1.5 A)
Environmental	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
Package Contents	4G Wi-Fi Router with Voice
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System Requirements	Windows, macOS, Android, iOS, or other OS with networking capability
	Firefox, Chrome, Safari, Edge, or other up-to-date web browsers
	Nano SIM card with active internet subscription with ISP or carriers

CA&MIMO Features

CA Combination	No. of CC	UL	ULCA	DL 4 × 4 MIMO
CA_1A	1DL	1A	-	1A
CA_3A	1DL	3A	-	3A
CA_7A	1DL	7A	-	7A
CA_38A	1DL	38A	-	38A
CA_40A	1DL	40A	-	40A
CA_41A	1DL	41A	-	41A
CA_1A-1A	2DL	1A	-	-
CA_1A-20A	2DL	1A, 20A	-	1A
CA_1A-28A	2DL	1A, 28A	-	1A
CA_1A-3A	2DL	1A, 3A	-	-
CA_1A-38A	2DL	1A	-	-
CA_1A-40A	2DL	1A	-	-
CA_1A-41A	2DL	1A	-	1A
CA_1A-5A	2DL	1A, 5A	-	1A
CA_1A-7A	2DL	1A, 7A	-	1A
CA_1A-7A	2DL	1A, 7A	-	7A
CA_1A-8A	2DL	1A, 8A	-	1A
CA_1C	2DL	1A	-	-
CA_20A-38A	2DL	20A	-	-
CA_20A-40A	2DL	20A	-	-
CA_28A-40A	2DL	28A	-	-
CA_28A-41A	2DL	28A	-	-
CA_20A-32A	2DL	20A	-	-
CA_3A-20A	2DL	3A, 20A	-	3A
CA_3A-28A	2DL	3A, 28A	-	3A
CA_3A-3A	2DL	3A	-	-
CA_3A-38A	2DL	3A	-	3A
CA_3A-40A	2DL	3A	-	3A
CA_3A-41A	2DL	3A	-	3A
CA_3A-5A	2DL	3A, 5A	-	3A
CA_3A-7A	2DL	3A, 7A	-	3A
CA_3A-7A	2DL	3A, 7A	-	7A
CA_3A-8A	2DL	3A, 8A	-	3A
CA_3C	2DL	3A	3C	-
CA_38C	2DL	38A	38C	-
CA_40A-40A	2DL	40A	-	-
CA_40C	2DL	40A	40C	-
CA_41A-41A	2DL	41A	-	-
CA_41C	2DL	41A	41C	-
CA_5A-5A	2DL	5A	-	-
CA_5A-7A	2DL	5A, 7A	-	7A
CA_5A-38A	2DL	5A	-	-
CA_5A-40A	2DL	5A	-	-
CA_5A-41A	2DL	5A	-	-
CA_5B	2DL	5A	5B	-
CA_7A-20A	2DL	7A, 20A	-	7A
CA_7A-28A	2DL	7A, 28A	-	7A
CA_7A-7A	2DL	7A	-	-
CA_7A-8A	2DL	7A, 8A	-	7A
CA_7A-32A	2DL	7A	-	7A
CA_7B	2DL	7A	-	-
CA_7C	2DL	7A	7C	-
CA_8B	2DL	8A	8B	-
CA_8A-38A	2DL	8A	-	-
CA_8A-40A	2DL	8A	-	-
CA_8A-41A	2DL	8A	-	-
CA_8A-32A	2DL	8A	-	-
CA_1A-1A-28A	3DL	1A, 28A	-	-
CA_1A-1A-5A	3DL	1A, 5A	-	-
CA_1A-1A-7A	3DL	1A, 7A	-	-
CA_1A-3A-20A	3DL	1A, 3A, 20A	-	-
CA_1A-3A-28A	3DL	1A, 3A, 28A	-	-
CA_1A-3A-38A	3DL	1A, 3A	-	-
CA_1A-3A-40A	3DL	1A, 3A	-	-
CA_1A-3A-41A	3DL	1A, 3A	-	-
CA_1A-3A-5A	3DL	1A, 3A, 5A	-	-
CA_1A-3A-7A	3DL	1A, 3A, 7A	-	-
CA_1A-3A-8A	3DL	1A, 3A, 8A	-	-
CA_1A-40C	3DL	1A	-	-
CA_1A-41C	3DL	1A	-	-
CA_1A-5A-38A	3DL	1A, 5A	-	-
CA_1A-5A-40A	3DL	1A, 5A	-	-
CA_1A-5A-7A	3DL	1A, 5A, 7A	-	-
CA_1A-7A-20A	3DL	1A, 7A, 20A	-	-
CA_1A-7A-28A	3DL	1A, 7A, 28A	-	-
CA_1A-7A-7A	3DL	1A, 7A	-	-
CA_1A-7A-8A	3DL	1A, 7A, 8A	-	-
CA_1A-7C	3DL	1A, 7A	-	-
CA_1A-8A-40A	3DL	1A, 8A	-	-
CA_1C-41A	3DL	1A	-	-
CA_1A-8A-38A	3DL	1A, 8A	-	-
CA_20A-38C	3DL	20A	-	-
CA_20A-40C	3DL	20A	-	-
CA_28A-40C	3DL	28A	-	-
CA_28A-41C	3DL	28A	-	-
CA_3A-20A-38A	3DL	3A, 20A	-	-
CA_3A-28A-38A	3DL	3A, 28A	-	-
CA_3A-28A-40A	3DL	3A, 28A	-	-
CA_3A-28A-41A	3DL	3A, 28A	-	-
CA_3A-38C	3DL	3A	-	-
CA_3A-3A-20A	3DL	3A, 20A	-	-
CA_3A-3A-5A	3DL	3A, 5A	-	-
CA_3A-3A-7A	3DL	3A, 7A	-	-
CA_3A-3A-8A	3DL	3A, 8A	-	-
CA_3A-3A-28A	3DL	3A, 28A	-	-
CA_3A-3A-41A	3DL	3A	-	-
CA_3A-40A-40A	3DL	3A	-	-
CA_3A-40C	3DL	3A	-	-
CA_3A-41C	3DL	3A	-	-
CA_3A-5A-38A	3DL	3A, 5A	-	-
CA_3A-5A-40A	3DL	3A, 5A	-	-
CA_3A-5A-7A	3DL	3A, 5A, 7A	-	-
CA_3A-7A-20A	3DL	3A, 7A, 20A	-	-
CA_3A-7A-28A	3DL	3A, 7A, 28A	-	-
CA_3A-7A-7A	3DL	3A, 7A	-	-
CA_3A-7A-8A	3DL	3A, 7A, 8A	-	-
CA_3A-7B	3DL	3A, 7A	-	-
CA_3A-7C	3DL	3A, 7A	-	-
CA_3A-8A-38A	3DL	3A, 8A	-	-
CA_3A-8A-40A	3DL	3A, 8A	-	-
CA_3C-20A	3DL	3A, 20A	-	-
CA_3C-28A	3DL	3A, 28A	-	-
CA_3C-40A	3DL	3A	-	-
CA_3C-41A	3DL	3A	-	-
CA_3C-5A	3DL	3A, 5A	-	-
CA_3C-7A	3DL	3A, 7A	-	-
CA_3C-8A	3DL	3A, 8A	-	-
CA_40A-40C	3DL	40A	-	-
CA_40D	3DL	40A	-	-
CA_41A-41C	3DL	41A	-	-
CA_41D	3DL	41A	-	-
CA_5A-40A-40A	3DL	5A	-	-
CA_5A-40C	3DL	5A	-	-
CA_5A-7A-7A	3DL	5A, 7A	-	-
CA_5A-7C	3DL	5A, 7A	-	-
CA_7A-20A-32A	3DL	7A, 20A	-	-
CA_7A-7A-8A	3DL	7A, 8A	-	-
CA_7B-28A	3DL	7A, 28A	-	-
CA_7C-20A	3DL	7A, 20A	-	-
CA_7C-28A	3DL	7A, 28A	-	-
CA_7C-8A	3DL	7A, 8A	-	-
CA_8A-40C	3DL	8A	-	-
CA_8A-41C	3DL	8A	-	-
CA_1A-3C	3DL	1A,3A	-	-
CA_28A-32A	2DL	28A	-	-
CA_28A-38A	2DL	28A	-	38A

Note:

	The band or combination with gray background are registrable, but the functionality is still being validated.
	The band or combination without background color has been validated with normal function and performance.

CE DECLARATION OF CONFORMITY

For the following equipment:

Product Name: 4G LTE Cat 12 AX3000 Gigabit Wi-Fi 6 Router with Voice

Model Number: LT15V

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 2014/53/EU, Directive 2011/65/EU, Directive (EU) 2015/863

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

ETSI EN 301 489-1 V2.2.3 (2019-11)

Draft ETSI EN 301 489-17 V3.2.5 (2022-08)

EN 55032:2015/A11:2020

EN 55035:2017/A11:2020

ETSI EN 300 328 V2.2.2 (2019-07)

ETSI EN 301893 V2.1.1 (2017-05)

EN IEC 62311:2020

EN IEC 62368-1:2020+A11:2020

IEC 62321-1:2013, IEC 62321-2:2021,

IEC 62321-3-1:2013, IEC 62321-5:2013,

IEC 62321-4:2013+AMD1:2017 CSV,

IEC 62321-6:2015, IEC 62321-7-1: 2015,

IEC62321-7-2:2017, IEC 62321-8:2017

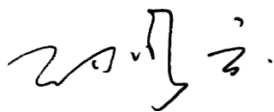
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2023-12-15



Shenzhen Cudy Technology Co., Ltd.

Room A606, Gaoxinqi Industrial Park, Liuxianyi Road, Baoan District, Shenzhen, China

www.cudy.com

ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ

Για τον ακόλουθο εξοπλισμό:

Όνομα Προϊόντος: 4G LTE Cat 12 AX3000 Gigabit Wi-Fi 6 Router with Voice

Αριθμός Μοντέλου: LT15V

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 2014/53/ΕΕ, Οδηγία 2011/65/ΕΕ, Οδηγία (ΕΕ) 2015/863

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

ETSI EN 301 489-1 V2.2.3 (2019-11)

Draft ETSI EN 301 489-17 V3.2.5 (2022-08)

EN 55032:2015/A11:2020

EN 55035:2017/A11:2020

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EN IEC 62368-1:2020+A11:2020

IEC 62321-1:2013, IEC 62321-2:2021,

IEC 62321-3-1:2013, IEC 62321-5:2013,

IEC 62321-4:2013+AMD1:2017 CSV,

IEC 62321-6:2015, IEC 62321-7-1: 2015,

IEC62321-7-2:2017,IEC 62321-8:2017

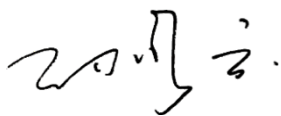
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2023-12-15



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