



4G LTE CAT 12
Wi-Fi Router
Model: LT12

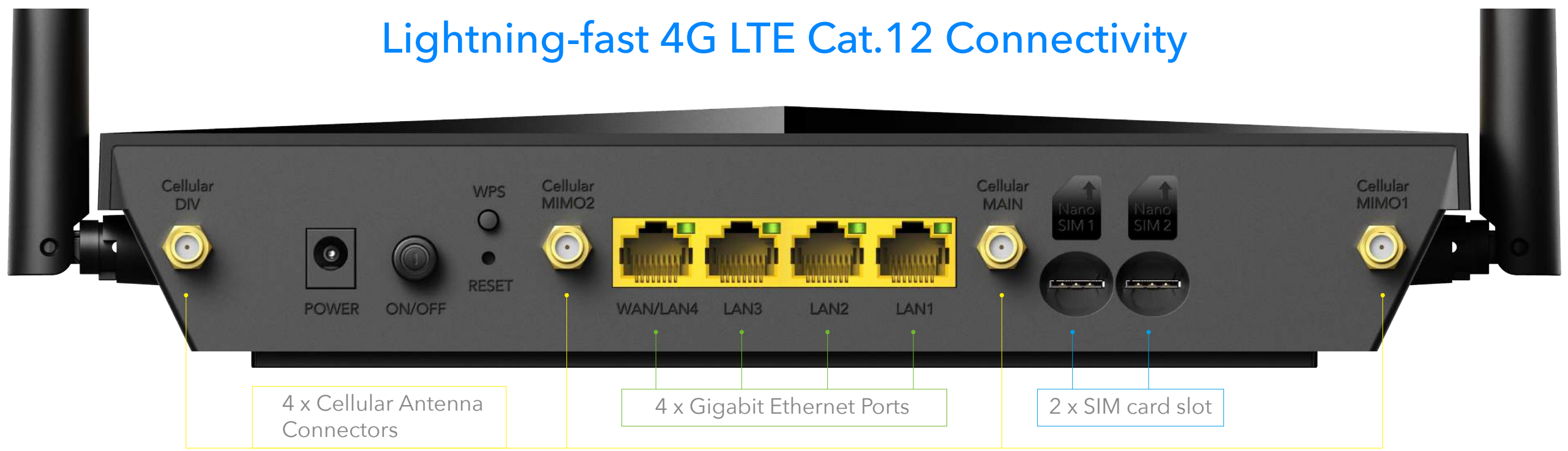


4G LTE-A PRO
Cat.12





Lightning-fast 4G LTE Cat.12 Connectivity



Cat.12

Lightning-fast 4G LTE Cat.12 Connectivity

AC1200

High speed Dual Band WiFi

WAN Internet 4G Backup

The diagram shows two Nano SIM cards (SIM 1 and SIM 2) connected to a WAN/LAN port and a SIM port. Arrows indicate a backup path from the SIM cards to the WAN/LAN port.

WHOLE HOME MESH

VPN

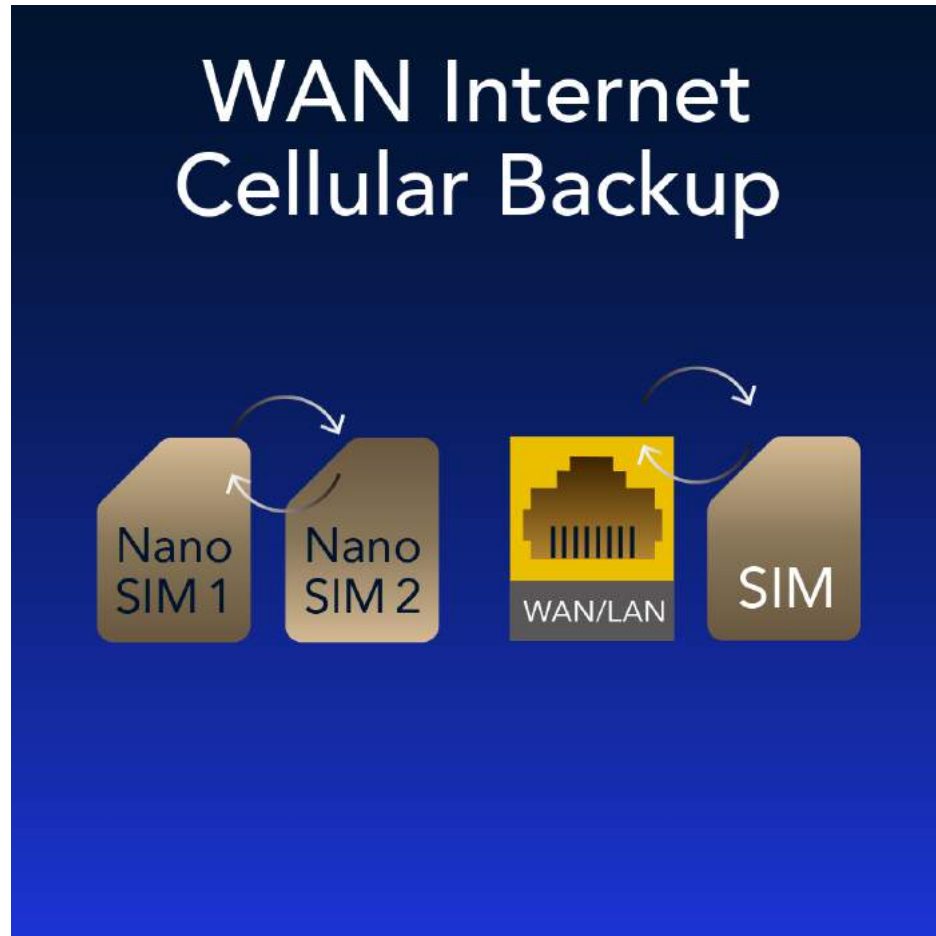
Built-in VPN Server and Client

Future-Proof Remote Management with TR-069



Redundant SIM Slots

Dual SIM slots provide redundancy and keep the device always online. Both SIM slots can be filled, you can choose whether to use SIM card 1 or SIM card 2, or auto select by Cudy.



WAN Internet, Cellular Backup

Set WAN/LAN port as WAN to enable Cudy use the landline internet from WAN, and 4G connection works as a backup to provide a sustained and reliable internet connection for you.



External SMA Antenna connector

Combined with 4 detachable SMA Antenna interface to connect outdoor cellular antennas for better and stable signal.

Band Lock

Band Select



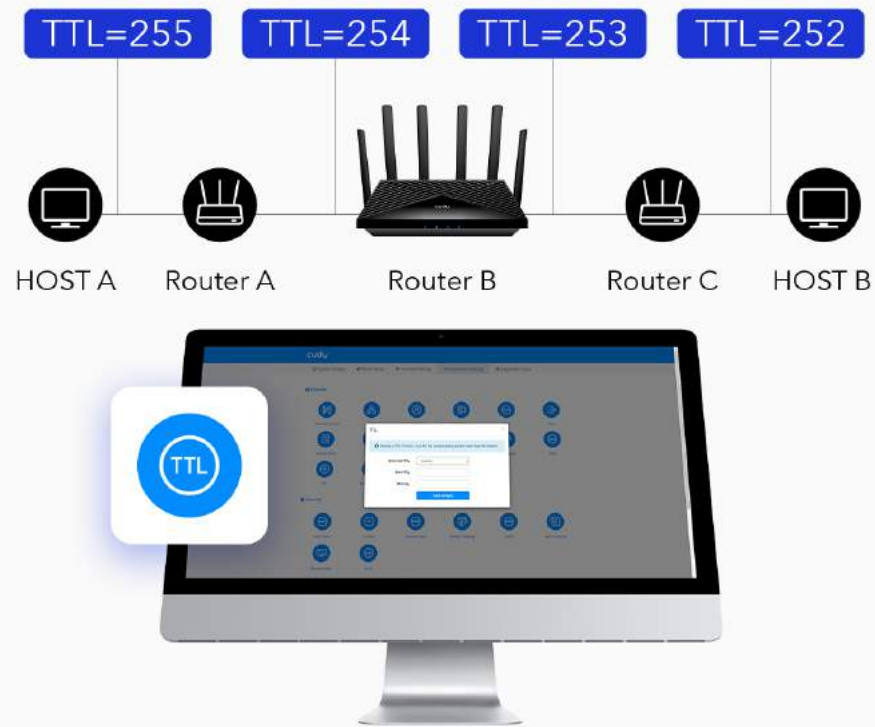
LTE Bands

- B1
- B3
- B5
- B7
- B8
- B20
- B28
- 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 Encryption with CloudFlare or NextDNS or Google, protects your privacy, prevents eavesdropping and manipulation of DNS data via man-in-the-middle attacks.

Specifications

- 4G LTE advanced CAT.12 CPE
- AC1200 Dual-Band Wi-Fi
- Dual Nano SIM slots Redundant SIM
- 4 * Gigabit Ethernet Ports (WAN Failover)
- 4 * Detachable Cellular Antennas
- DNS over Cloudflare/Google
- WireGuard/OpenVPN/PPTP/L2TP clients

Hardware

CPU	Mediatek Dual Core 880MHz
4G	Quectel EG120K-EA (Qualcomm)
DRAM	128MB (1Gbit) DDR3
Flash	16MB (128Mbit)
4 x GbE RJ45	1 GbE WAN/LAN + 3 GbE LAN
SIM card slot	2 x SIM Slots (Nano)
Button	1 x WPS Button 1 x Reset Button
Antennas	2 x Fixed WiFi Antennas 4 x Detachable Cellular Antennas
LED	LED indicators (Power, WiFi, Internet, Signal)

Data Speed

Wi-Fi	2.4GHz (802.11n/g/b, MIMO 300Mbps)
	5GHz (802.11ac/n/a, MIMO 867Mbps)
4G Module	LTE FDD: Max 600Mbps (DL)/150Mbps (UL)
	LTE TDD: Max 430Mbps (DL)/90Mbps (UL)
	DC-HSDPA: Max 42 Mbps (DL)/
	HSUPA: Max11.2 Mbps (UL)
WCDMA: Max 384Kbps (DL)/Max 384Kbps (UL)	

Mobile Frequency Band

LTE Category	Cat 12
LTE Bands	LTE-FDD: B1/B3/B5/B7/B8/B20/B28/B32(Optional) LTE-TDD: B38/B40/B41/B42(Optional)/B43(Optional)
WCDMA Bands	B1/B3/B5/B8

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	PPTP/L2TP/OpenVPN/WireGuard/IPSec/Zerotier
DNS over TLS	Cloudflare/Google
Schedule	Schedule Reboot /Wi-Fi Schedule
Internet Protocol version	IPv4/IPv6
IPv6	Relay
	Dynamic(SLAAC/DHCPv6)
	Static (Fixed IP)
	Passthrough
	MAP-E (Dual-stack)
	DS-Lite (Dual-stack)
Quality of Service (QoS)	Support
TTL configuration	Support
Band Selection	Support
CWMP Protocol	TR069 / TR098 / TR111 / TR181

Other

Physical	Product Dimension: 252.5x161x48.2mm (LxWxH)
	Package Dimension: 408x238x58mm (LxWxH)
Power	AC Power Adapter: Input: 90~260V Output: 12V, 1.5A
	DC input (12V-1.5A) Barrel Plug
Environmental	Operation Temperature: 0° C to +45° C
	Storage Temperature: -40° C to +70° C
	Relative Humidity: 5% to 95% Non-Cond
SMS	Send Message
	Receive Message
Package Contents	4G LTE WiFi Router
	Power Adapter
	RJ45 Ethernet Cable
	Quick Installation Guide
System Requirements	Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10/11, MAC OS, NetWare, UNIX or Linux Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0, or other Java-enabled browser Subscription with an internet service provider (for internet access)

CE DECLARATION OF CONFORMITY

For the following equipment:

Product Name: AX1800 Wi-Fi 6 4G Cat12 Router

Model Number: LT12

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:

EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 301 489-52 V1.2.1

EN 55032: 2015+A11:2020

EN 55035: 2017+A11:2020

EN50663: 2017 EN50566: 2017

EN62209-2: 2010+A1:2019

EN 62479: 2010

EN 300 328 V2.2.2 ETSI EN 301 893 V2.1.1

EN 301 908-1 V15.1.1 EN 301 908-13 V13.2.1

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,

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

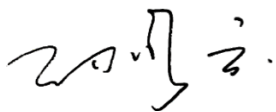
Person responsible for making this declaration:

Sun Qiaoyun

Regulatory Compliance Manager

Place of issue: Shenzhen, China

Date of issue: 2022-8-23



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: AX1800 Wi-Fi 6 4G Cat12 Router

Αριθμός Μοντέλου: LT12

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

EN 301 489-1 V2.2.3 EN 301 489-17 V3.2.4 EN 301 489-52 V1.2.1

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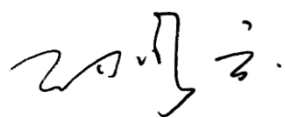
Υπεύθυνος για τη δήλωση αυτή:

Sun Qiaoyun

Διευθυντής κανονιστικής συμμόρφωσης

Τόπος έκδοσης: Shenzhen, Κίνα

Ημερομηνία έκδοσης: 2022-8-23



Shenzhen Cudy Technology Co., Ltd.

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

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