cudy

4G LTE CAT 12 Wi-Fi Router

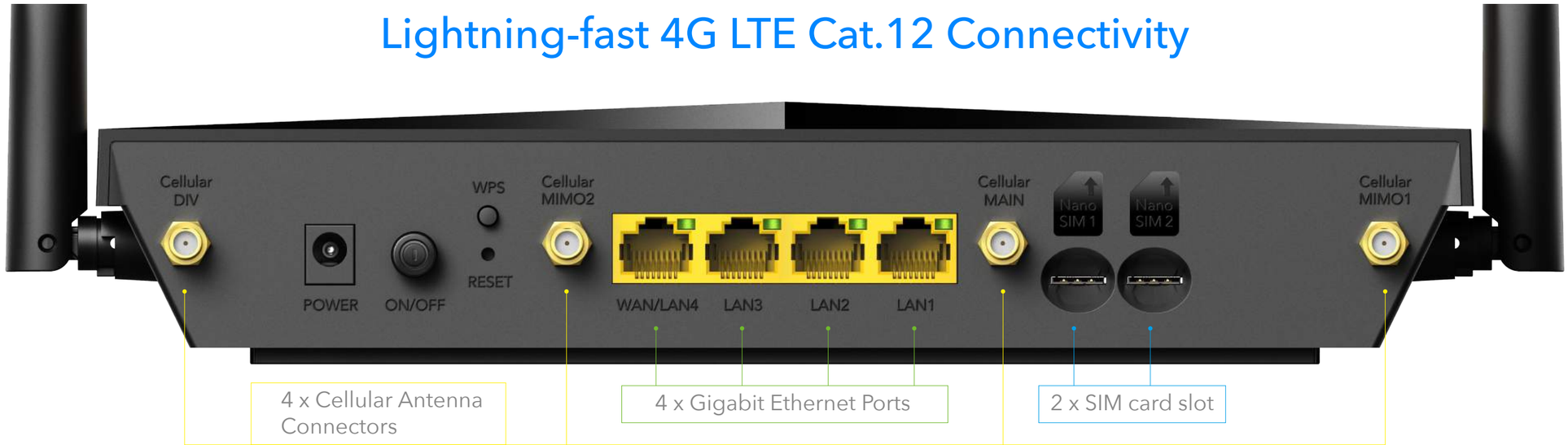
Model: LT12

4G LTE-A PRO Cat.12

WHOLE HOME MESH

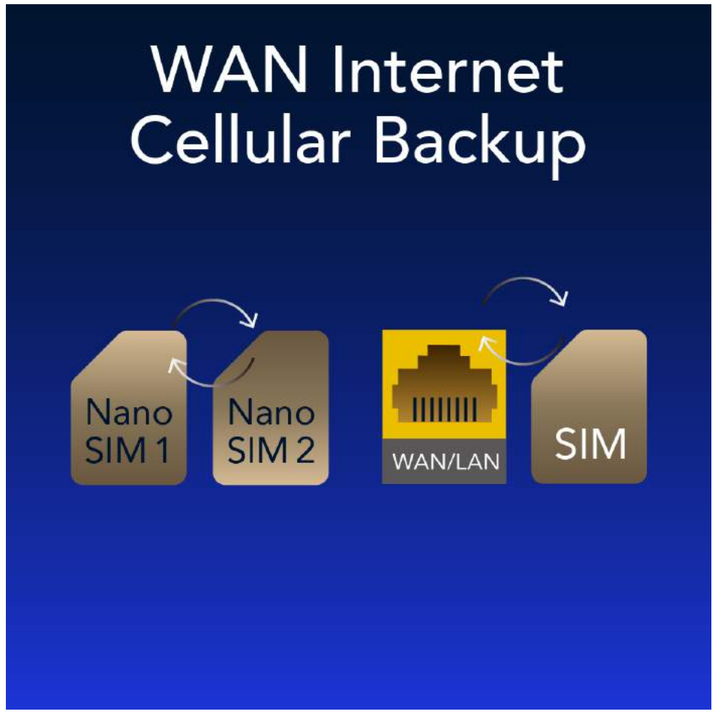
Datasheet

Lightning-fast 4G LTE Cat.12 Connectivity



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.

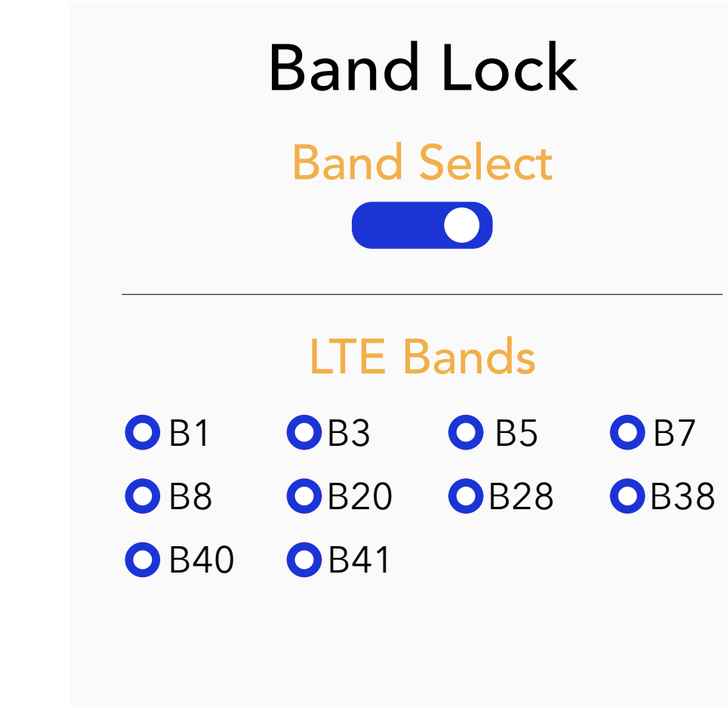


WAN Internet, Cellular Backup

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.

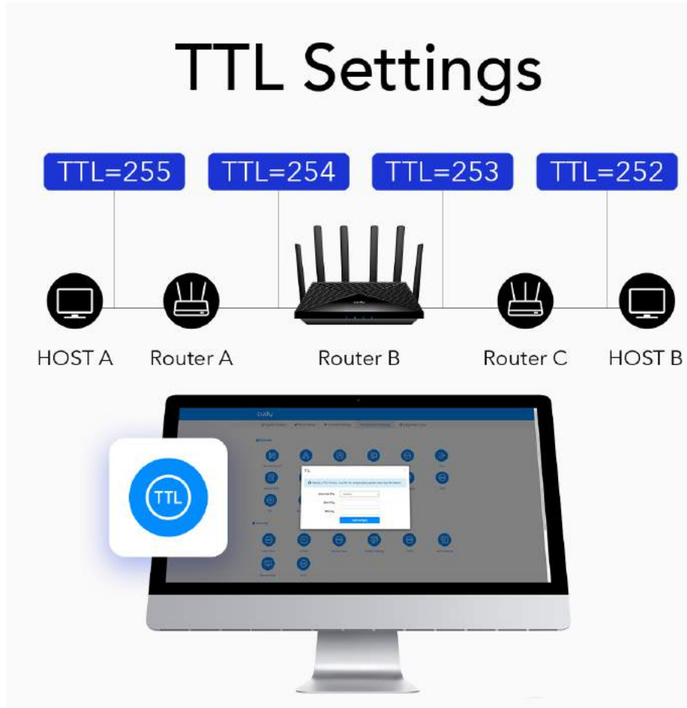
External SMA Antenna connector

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



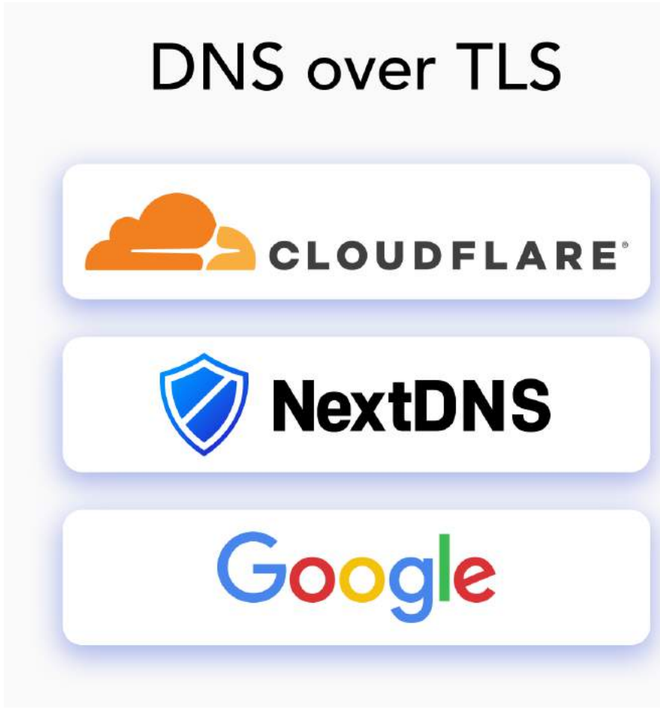
Band Lock

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

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

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:B2/B4/B5/B7/B12/B13/B14/B17/B25/B26/B29/B30/
	B66/B71
	LTE-TDD: B41/B48
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)