

Model: LT15V

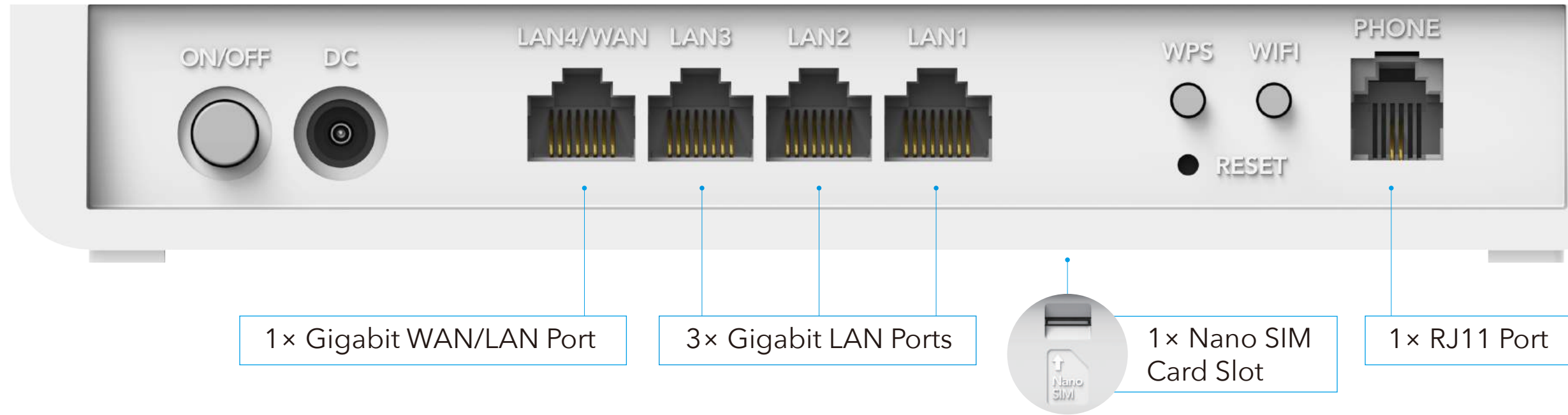
4G LTE

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



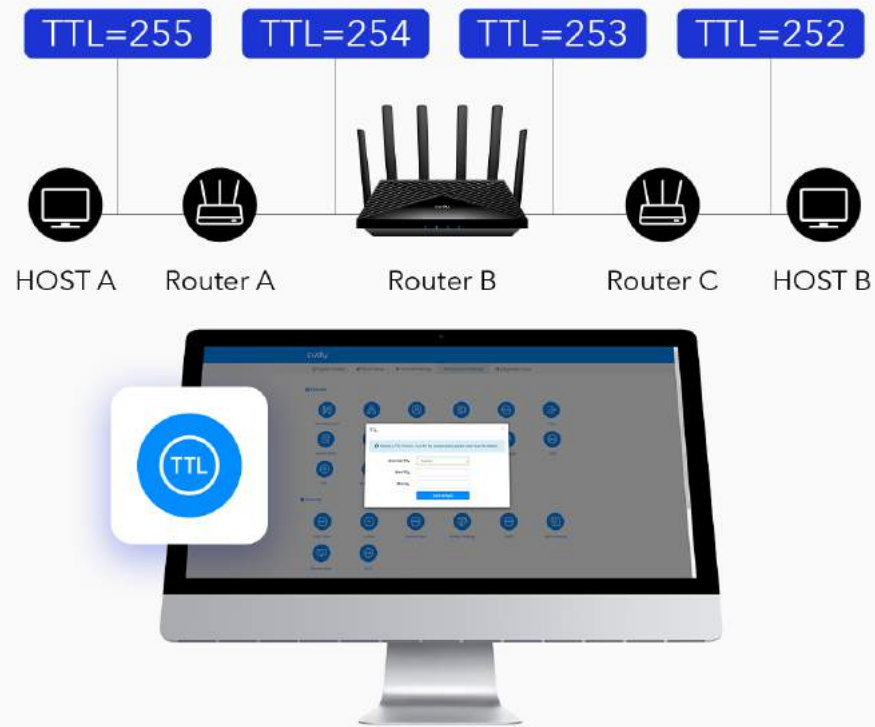
LTE Bands

- 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

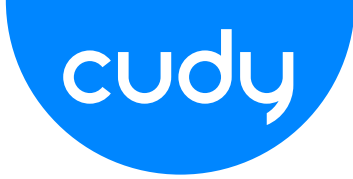
Support manual set TTL values to meet ISP's requirement (such as Verizon, Visible). Support set IPv4 TTL and IPv6 HL Values.

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. |