TR300 4G CAT12+WiFi6 CPE

User Guide

Right Side / Back

TR300 4G CAT12+WiFi6 CPE is LTE wireless router, and this router support vSIM technology, so the physical SIM card is not required. When the router is powered on, it will be dynamical allocated SIM card.

This router support multiple wireless networks and dynamic choose the best LTE network so as to provide best service.

Product Overview

Thanks for choosing TR300 4G CAT12+WiFi6 CPE, please read the user manual carefully so that it will be more convenient for you to use the router.

Specification

Feature	Description
Bands	**4G FDD LTE:** B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B29/B30/B32/B66 **4G TDD LTE:** B38/B40/B41/B42/B43/B46(LAA)/B48 (CBRS) **3G WCDMA/HSPA:** B1/B2/B3/B4/B5/B8/B9/B19
Peak Throughput	CAT 12: DL 600Mbps UL 150Mbps
LTE Antenna	External antenna (non-remote)
WiFi	802.11 b/g/n/ac/ax WiFi6 Dual band 2.4G & 5G 32 concurrent connection users
LAN/WAN	4 LAN interface (10M/100M/1000M auto-sensing) 1 WAN/LAN interface (adjust by configuration)
Dimension	249mm×159mm×42mm
Weight	< 650g
Power	AC: 100V~240V,50Hz~60Hz DC: 12V/2.5A

Note:
Listed wireless data transfer tates are the theoretical maximum.The actual data transfer rate may vary depending on the network environment and carrier's coverage.
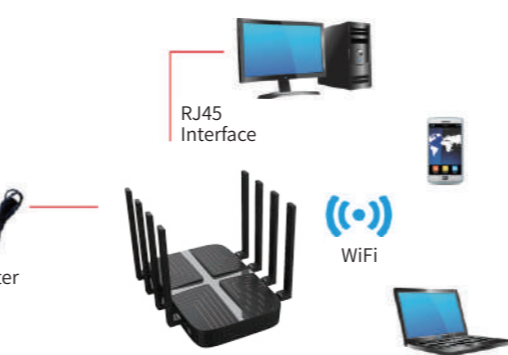

Interface

❶ 4G LED	❷ SIM Card	❸ USB Port
❹ LAN1 Port	❺ LAN2 Port	❻ LAN3 Port
❼ LAN4 Port	❽ WAN Port	❾ Reset Button
❿ DC Power		

Product display light introduction

Status Indicator	Description
Green light steady	4G network functioning normally 3 lights on: Strong 4G signal 2 lights on: Moderate 4G signal 1 light on: Weak 4G signal
Green marquee light	Networking in progress
Only light 3 blinking red slowly	No valid plan or data exhausted
All 3 lights flashing quickly, with light 3 in red	Software upgrading, please do not cut off the CPE power at this time

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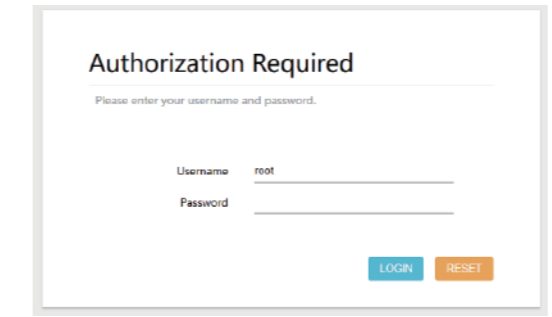## Installation Guideline

RJ45 Interface

Adapter

WiFi

Quick Configuration Guide

The router supports connecting with computer via standard RJ45 cable or WiFi, supports OS as following: Windows XP/Windows 7/Windows 8/Window 10/MAC OS/Linux/Android, and so on.

① **Insert SIM card (optional).**
This wireless router supports Cloud-SIM technology, the device will automatically be allocated SIM card resources from the network and provide Internet connection when it is powered on.
If you have your own SIM card and want to use your own SIM card, you can insert your SIM card in the SIM card slot. When a physical SIM card is installed, the router will give priority to the physical physical SIM card.

② **Power on the router.**

③ **Configure the WiFi SSID and password.**
• Once the WLAN indicator is blue on and Internet indicator is blue, you can surf Internet on your smart-phone, laptop,tablet or PC, via WiFi or LAN connection with TR300 router .
• Use WiFi connection, you need to choose the SSID of the TR300's 2.4G or 5G WiFi and configure the password of WiFi on the smart-phone, laptop, tablet or PC. The default WiFi name (SSID) and password are provided on the device sticker label on the back of the router.
• Use LAN connection, please connect the LAN port on TR300 router with PC's LAN port and configure the LAN obtaining IP and DNS by DHCP.

Quick Configuration Guide

④ **Change the WiFi SSID or password (optional).**
The default WiFi name and password are provided on the device sticker label on the back of the router.
We recommend that you do not change the WiFi SSID and password to match the information on the label on the back of the device.
If you want to change the WiFi SSID and password, please following the instruction as folloing:

• On smart-phone, tablet, laptop or PC which is connected with TR300 router, open web browser and type the default gateway IP address "192.168.0.1".
• Click the "Login" in the upper right corner to access the user page using the username and password indicated at the device sticker at the bottom. (default username: admin, default password: admin)

Authorization Required

Quick Configuration Guide

• Modify 2.4G/5G WiFi related parameters, such as WiFi SSID, password, in the following page of WiFi - WiFi configration menu in the management page.

Package Contents

① 1× Router
② 1× Power Adaptor
③ 1× LAN RJ45 Cable (1m)
④ 1× User Manual

Precautions

① When you remove and insert the SIM card, please ensure the device is powered off.
② Do not use the equipment in case of lightning and unplug power adapter.
③ If the device is working fine, do not change the parameter or other functions, if changed and cannot access Internet, please press and hold the reset button for more than 5 seconds to restore the factory settings and reboot.

Common faults and treatment suggestion

Common faults	Treatment suggestion
The device is powered on but the front panel power light is off.	Check the power adapter whether properly plug in the power outlet and the device power port. Check the cable for any damaged.
Computer local connection is not displayed, cannot successfully ping IP address of the device, cannot open the WEB page.	Check if the computer's LAN network status obtained automatically IP address from the device DHCP pool, reboot your computer, Clear your browsing history / cache. Check your LAN cable whether properly pluged in the LAN port.
Change user page login password or SSID password, but forget the password.	Long press the reset button for more than 5 seconds to restore the factory settings, and then check the username and password which are listed in the back label.

FCC Warning

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any inte rference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interferenceto radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
· 　Reorient or relocate the receiving antenna.
· 　Increase the separation between the equipment and receiver.
· 　Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· 　Consult the dealer or an experienced radio/TV technician for help.

Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.