



Tenda RX12L WiFi 6 Router Installation Guide

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ARSALAN POST COMPLETE



Package Contents

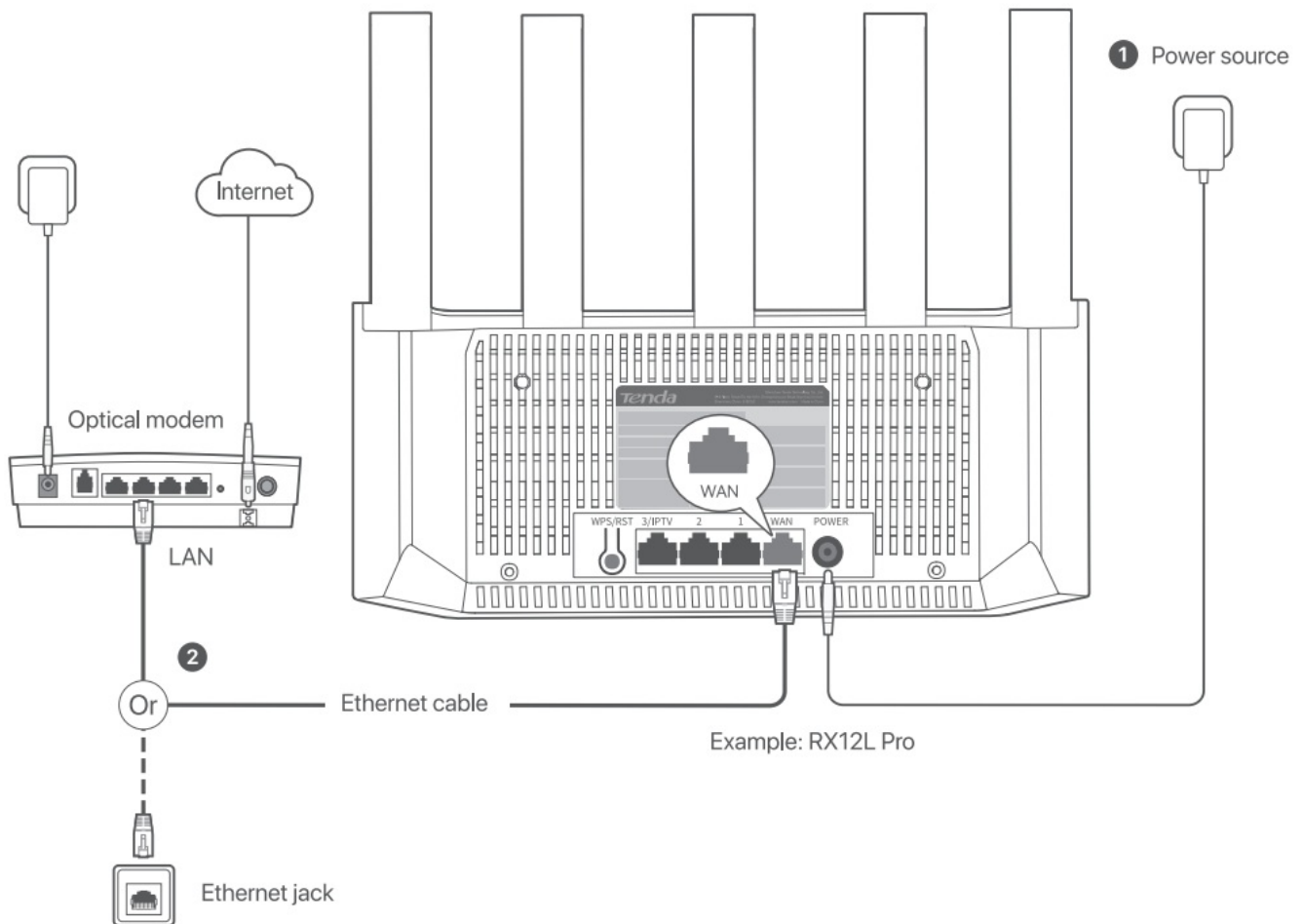
- Wireless router x 1
- Power adapter x 1
- Ethernet cable x 1
- Quick installation guide

RX12L Pro is used for illustrations here unless otherwise specified. The actual product prevails.

Scenario 1: Set up the Device as a Router

I. Connect the Router

The product appearance may vary with models. Please refer to the product you purchased.



Tips

- If you use the modem for internet access, power off the modem first before connecting the WAN port of the router to the LAN port of your modem and power it on after the connection
- Refer to the following relocation tips to locate the router to a proper position
 - Place the router in a high position with few obstacles
 - Unfold the antenna of the router vertically.
 - Keep your router away from electronics with strong Interference, such as microwave ovens, induction cookers, and refrigerators
 - Keep your router away from metal barriers, such as weak current boxes, and metal frames.

1. Power on the router.
2. Connect the WAN port of the router to the LAN port of your modem or the Ethernet jack using an Ethernet cable.

II. Connect the Router to the Internet

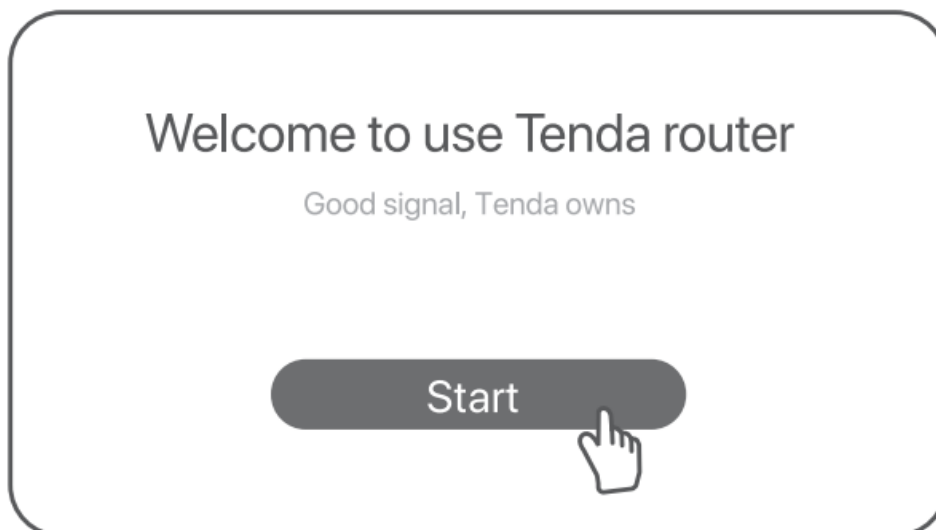
1. Connect your wireless client such as a smartphone to the WiFi network of the router, or use an Ethernet cable to connect the computer to the LAN port of the router. The WiFi name can be found on the label of the router's body.
2. After the client connects to the router, the page will automatically redirect to the web UI of the router. If not, start

a web browser on your client and enter tendawifi.com in the address bar to access the router's web UI.



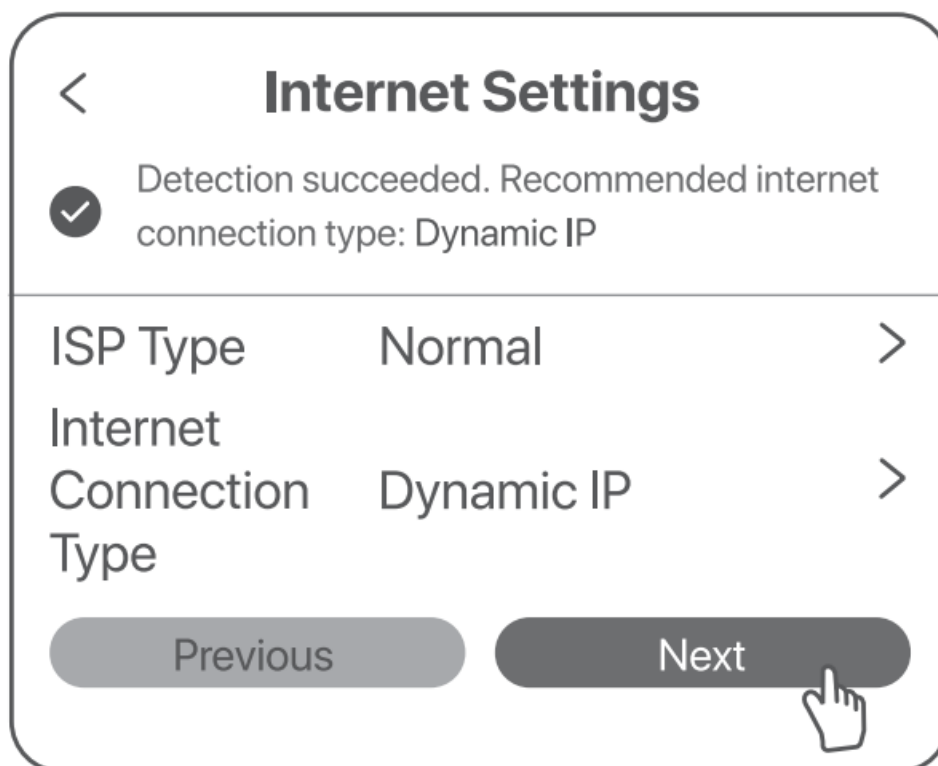
3. Perform operations as prompted (smartphone used as an example).

1. Tap Start



2. The router detects your connection type automatically.

- If your internet access is available without further configuration (for example, PPPoE connection through an optical modem is completed), tap Next.



- If the PPPoE user name and password are required for internet access, select the **ISP Type** based on your region and ISP and enter required parameters (if any). If you forget your PPPoE user name

and password, you can obtain the PPPoE user name and password from your ISP and manually enter them. Then, tap Next.

<

Internet Settings

✓

Detection succeeded. Recommended internet connection type: PPPoE

ISP Type

Normal

>

Internet Connection Type

Dynamic IP

>

* PPPoE Username

Enter the username

* PPPoE Password

Enter the password

👁

Previous

Next

3. Set the WiFi name, WiFi password and login password for the router. Tap Next.

<

WiFi Settings

* WiFi Name

Tenda_XXXXXX

* WiFi Password

8 – 32 characters

👁

✓

Set WiFi password to router login password

(i)

Previous

Next

The WiFi password is used to connect to the WiFi network, while the login password is used to log in to the web UI of the router.



Done. When the LED indicator is solid green, the network connection is successful.

To access the internet with:

- WiFi-enabled devices: Connect to the WiFi network using WiFi name and password you set.
- Wired devices: Connect to a LAN port of the router using an Ethernet cable.



Tips

If you want to manage the router anytime, anywhere, scan the QR code to download the Tenda WiFi app, register and login



Download Tenda WiFi App

Get Support and Services

For technical specifications, user guides and more information, please visit the product page or service page on www.tendacn.com. Multiple languages are available. You can see the product name and model on the product label.



<https://www.tendacn.com/service/default.html>

Scenario 2: Set Up as an Add-on Node

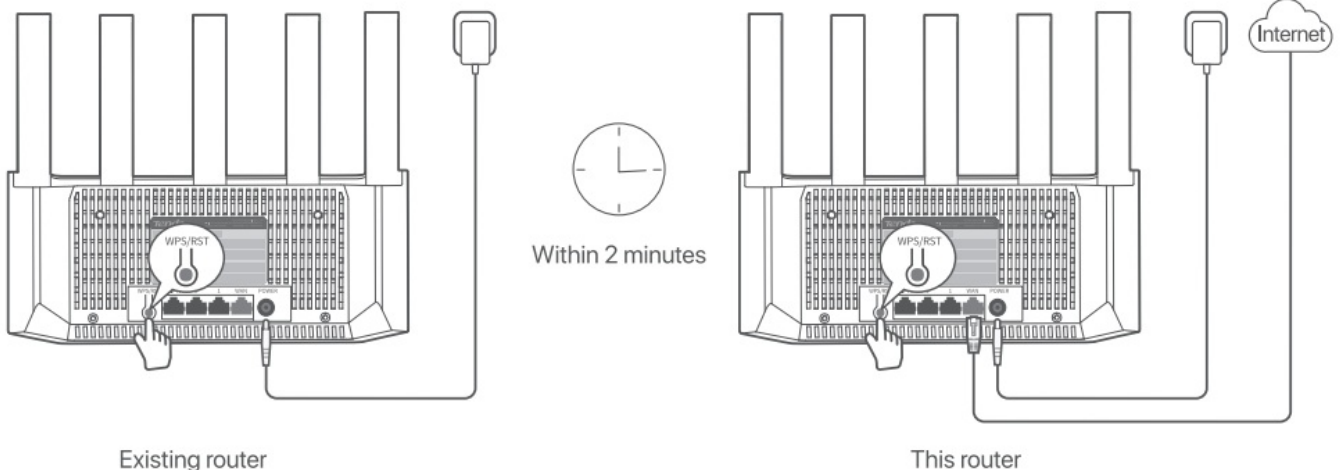


Tips

- This router can be networked with Tenda WIFI+ routers
- Ensure that the existing router(primary node)has been connected to the internet and the router (secondary node)to be added has never been used.If not,reset this router first.
- Two RX12L Pro or U98d as an example here. If the router fails to be added to an existing network, contact Tenda customer service for help.

I. Add the Router to an Existing Network

1. Place the router in an elevated and open position within 3 meters from your existing router.
2. Use the power adapter to connect the router to a power source.
3. Press the WPS button of the router for about 1-3 seconds. The LED indicator blinks green quickly. Within 2 minutes, press the WPS button of the existing router for 1-3 seconds to negotiate with this router.



When the LED indicator of the router lights solid green, the networking is successful and the router becomes a secondary node in the network.

II. Relocate the Router

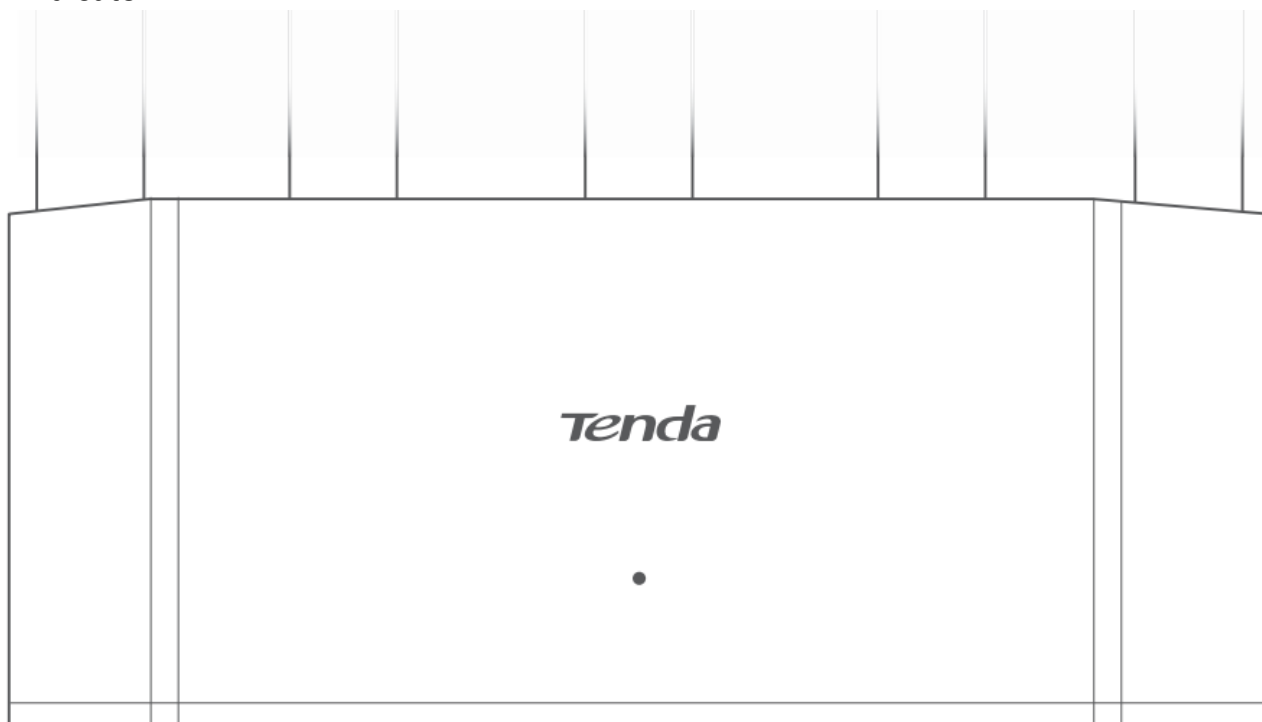
1. Refer to the following relocation tips to locate the router to a proper position:
 - Ensure that the distance between any two nodes is less than 10 meters.
 - Keep your routers away from electronics with strong interference, such as microwave ovens, induction cookers, and refrigerators.
 - Place the routers in a high position with few obstacles.
2. Power on the router again.
3. Wait 1-2 minutes and observe the router's LED indicator. If the LED indicator is solid green, the connection between the primary node and secondary node is good. Otherwise, move the router (secondary node) closer to the existing router for better connection quality.



Done.

- To access the internet with:
 - WiFi-enabled devices: Connect to your WiFi network. [The WiFi name and WiFi password of the new router are the same as the existing router.]
 - Wired devices: Connect to a LAN port of the router using an Ethernet cable.

LED Indicator

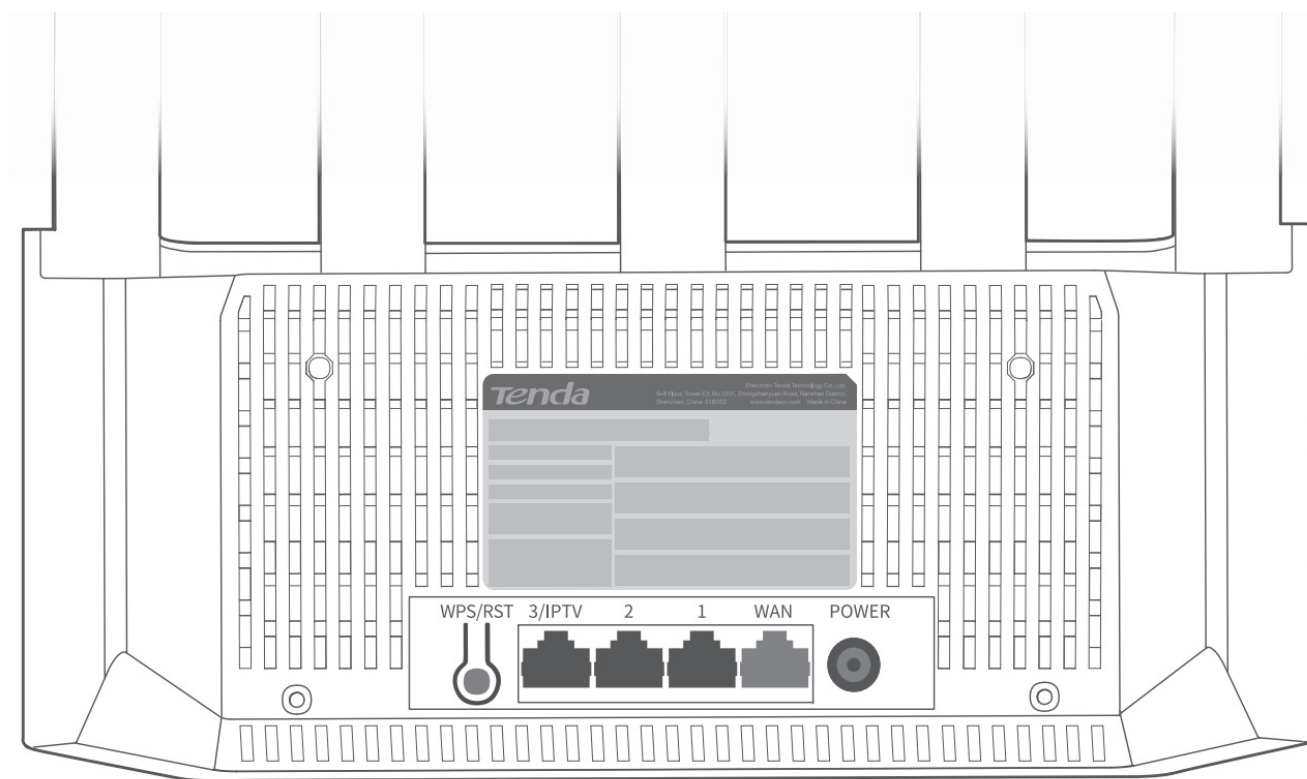


Example: RX12L Pro

LED Indicator	Scenario		Status	Description	
LED indicator	Startup		Solid Green	The system is starting up	
	Internet connection	Primary –	Solid green	The router is connected to the internet	
			Blinking Green Slowly	Not connected: the router is not connected to the internet.	
			Blinking red slowly	Configured but the router failed to connect to the internet	
		Secondary node	Solid green	Networking succeeds. Good connection quality.	
			Solid orange	Networking succeeds. Fair Connection Quality.	
			Solid red	Networking succeeds poor connection quality	
			Blinking Green Slowly	Waiting To Connect To Another Node.	
			Blinking red slowly	Configured but the router failed to connect to the internet.	
		WPS		Blinking green quickly	Pending for or performing WPS negotiation (valid within 2 minutes)
		Ethernet cable connection		Blinking green quickly or 3 seconds	A device is connected to or disconnected from an Ethernet port on the router.
	PPPoE username and password importing (only for primary node)		Blinking green quickly for 8 seconds	PPPoE user name and password are imported successfully	
	Resetting		Blinking orange quickly	Restoring To Factory Settings	

Jack, Ports and Buttons

The jacks, ports and buttons may vary with models. The actual product prevails.



Example: RX12L Pro

Jack/Port/Button	Description
WPS/RST	<p>Used to start the WPS negotiation process, or to reset the router.</p> <ul style="list-style-type: none"> • WPS: Through the WPS negotiation, you can connect to the WiFi network of the router without entering the password • Method: Press the button for about 1-3 seconds, and the LED indicator blinks green fast. Within 2 minutes, enable the WPS function of the other WPS-supported device to establish a WPS connection • Mesh: When • Is used as a Mesh outworking button, you can extend your network with another device that supports the Mesh function. • Method: Press this button for about 1-3 seconds. The LED indicator blinks green fast, which indicates the device is searching for another device to form a network. Within 2 minutes, press the MESH/WPS button of another device for 13 seconds to negotiate with this device • Reset method: Refer to Q3 in FAQ
3/IPTV	Gigabit LAN/IPTV port, 3/IPTV It is a LAN port by default. When the IPTV function is enabled, it can only serve as an IPTV port to connect to a set-top box
1,2	Gigabit LAN port 1,2 Used to connect to such devices as computers, switches and game machines
WAN	Gigabit WAN port Used to connect to a modem or the Ethernet jack for internet access
POWER	Power jack

FAQ

Q1: I cannot log into the web UI by visiting tendawifi.com. What should I do?

A1: Try the following solutions:

- Ensure that your smartphone or computer is connected to the WiFi network of the router.
 - For the first login, connect the WiFi name (Tenda(L)O(XXX)()) on the label of the device's body. XXXXXX is the last six digits of the MAC address on the label.
 - When logging in again after setting, use the changed WiFi name and password to connect to the WiFi network.
- If you are using a smartphone, ensure that the cellular network (mobile data) of the client is disabled.

- If you are using a wired device, such as a computer:
 - Ensure that tendawifi.com is entered correctly in the address bar, rather than the search bar of the web browser.
 - Ensure that the computer is set to Obtain an IP address automatically and Obtain DNS server address automatically.
- If the problem persists, reset the router by referring to Q3 and try again.

Q2: I cannot access the internet after the configuration. What should I do?

A2: Try the following solutions:

- Ensure that the WAN port of the router is connected to a modem or Ethernet jack properly.
- Log in to the web UI of the router and navigate to the Internet Settings page. Follow the instructions on the page to solve the problem. If the problem persists, try the following solutions:
- For WiFi-enabled devices:
 - Ensure that your devices are connected to the WiFi network of the router.
 - Visit tendawifi.com to log in to the web UI and change your WiFi name and WiFi password on the WiFi Settings page. Then try again.
- For wired devices:
 - Ensure that your wired devices are connected to a LAN port properly.
 - Ensure that wired devices are set to Obtain an IP address automatically and Obtain DNS server address automatically.

Q3: How to restore my device to factory settings?

A3: When your device is working properly, hold down the reset (marked RST or RESET) button of your device for about 8 seconds, and release it when the LED indicator blinks orange fast. After about 1 minute, the router is reset successfully and rebooted. You can configure the router again.

Q4: The router's Wi-Fi signal is poor. What should I do?

A4: Try the following solutions:

- Place the router in a high position with few obstacles.
- Unfold the antenna of the router vertically.
- Keep your router away from electronics with strong interference, such as microwave ovens, induction cookers, and refrigerators.
- Keep your router away from metal barriers, such as weak current boxes, and metal frames.

SAFETY PRECAUTIONS

Before operating, read the operation instructions and precautions to be taken, and follow them to prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- The device is for indoor usage only.
- The device must be horizontally mounted for safe use.
- Do not use the device in a place where wireless devices are not allowed.

- Please use the included power adapter.
- The mains plug is used as the disconnect device, and shall remain readily operable.
- The power socket shall be installed near the device and easily accessible.
- Operating environment: Temperature: 0°C- 40°C; Humidity: (10%- 90%) RH, non-condensing; Storage environment: Temperature: -40°C to +70°C; Humidity: (5%- 90%) RH, non-condensing.
- Keep the device away from water, fire, high electric field, high magnetic field, and inflammable and explosive items.
- Unplug this device and disconnect all cables during lightning storms or when the device is unused for long periods.
- Do not use the power adapter if its plug or cord is damaged.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.

For the latest safety precautions, see Safety and Regulatory Information on www.tendacn.com.

IC RSS Warning

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard (s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

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

ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20cm between the radiators and your body. Operation of 5150-5350MHz is restricted to indoor use only.



CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

This equipment should be installed and operated with a minimum distance 20cm between the device and your body.

NOTE:

1. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment
2. To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity

Hereby, SHENZHEN TENDA TECHNOLOGY CO., LTD. declares that the device is in compliance with Directive 2014/53/EU. The text of the EU declaration of conformity is available at the following internet address:

<https://www.tendacn.com/download/11181-9.html>

Operating Frequency/Max Output Power

Operational Frequency/Max Output Power	2412 MHz-2472 MHz/2.0dBm
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RECYCLING

This product bears the selective sorting symbol for WEEE (Waste Electrical and Electronic Equipment). This means that this product must be handled pursuant to European Directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he purchases a new electrical or electronic equipment.



FCC Statement

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 interference to 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 to 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

Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. The device is for indoor use only.

Radiation Exposure Statement

This device complies with FCC radio frequency exposure limits set forth for uncontrolled environments and it also complies with Part 15 of the FCC RF Rules. This equipment should be installed and operated with minimum distance 20cm between the device and your body.

Caution:

Any changes or modification not expressly approved the party responsible for compliance could void the users authority to operate this equipment.

This transmlttermustnotbeco-locatedoroperatingi1 conjunctionwithar,,;other antenna or transmitter.

Operating Frequency·

2412-2462 MHz

5150-5250 MHz (RX2L/TX2L/RX2L Pro[TX2L Pro)


5150-5350 MHz (RX12L[TX12L,IRX12L Pro{TX12L Pro)

5725-5825 MHz

NOTE:

- 1. The manufacturer is not responsible for ar,,; radio or TV i1terlerence caused by 1J1au!OOI”ized modifications to this equipment.
- 2. To avoid unnecessary radiation interference, ii is recommended to use a shielded RJ45 cable

	AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)

	UK
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Attention

i1 EU member states, EFTA COI.Illlies, Northern l”eland and Great Britain, the operation ri the frec,,iency range 5150MHz-5350MHz (RX12L/TX12L,IRX12L Pro[TX12L Pro) and 5150MHz-5250 MHz (RX2LJTX2L/RX2L Pro{TX2L Pro) isa,ty permitted kors.



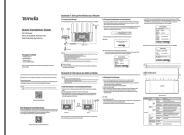
CUSTOMER SUPPORT

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Documents / Resources



[Tenda RX12L WiFi 6 Router](#) [pdf] Installation Guide
RX12LP1 V7, TRX12LP1 V7, RX12LP1, RX12L WiFi 6 Router, RX12L, WiFi 6 Router, Router

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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