Tenda RX2L Better Net Working

Tenda RX2L Better Net Working Installation Guide

Contents

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Package Contents

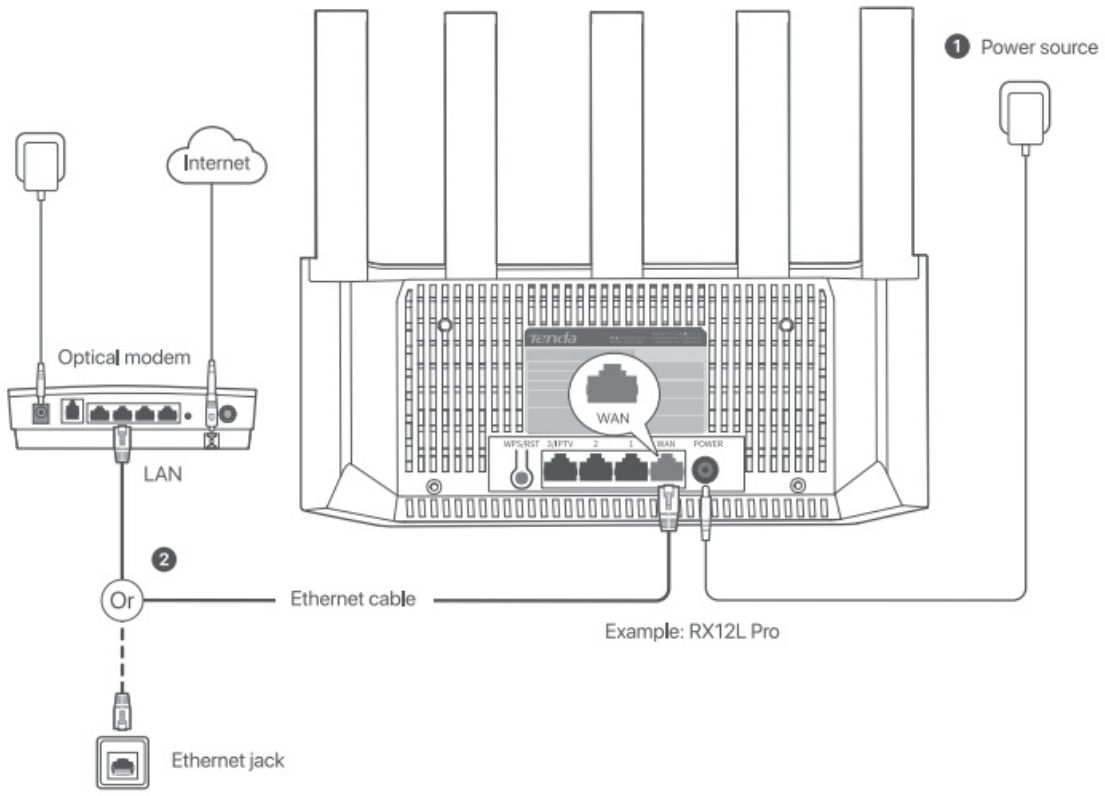
- Wireless router x 1
- Power adapter x 1
- Ethernet cable x 1
- Quick installation guide

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

Scenario 1: Set up the Device as a Router

1. 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.

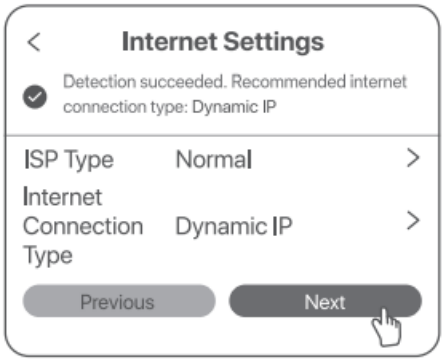
Connect the Router to the Internet

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.

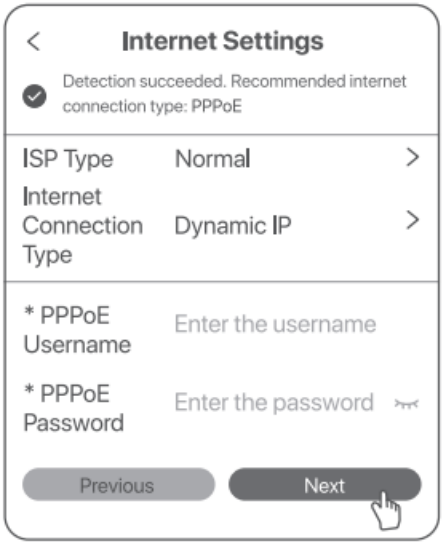
tendawifi.com

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.



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

Tips

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 log in.

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

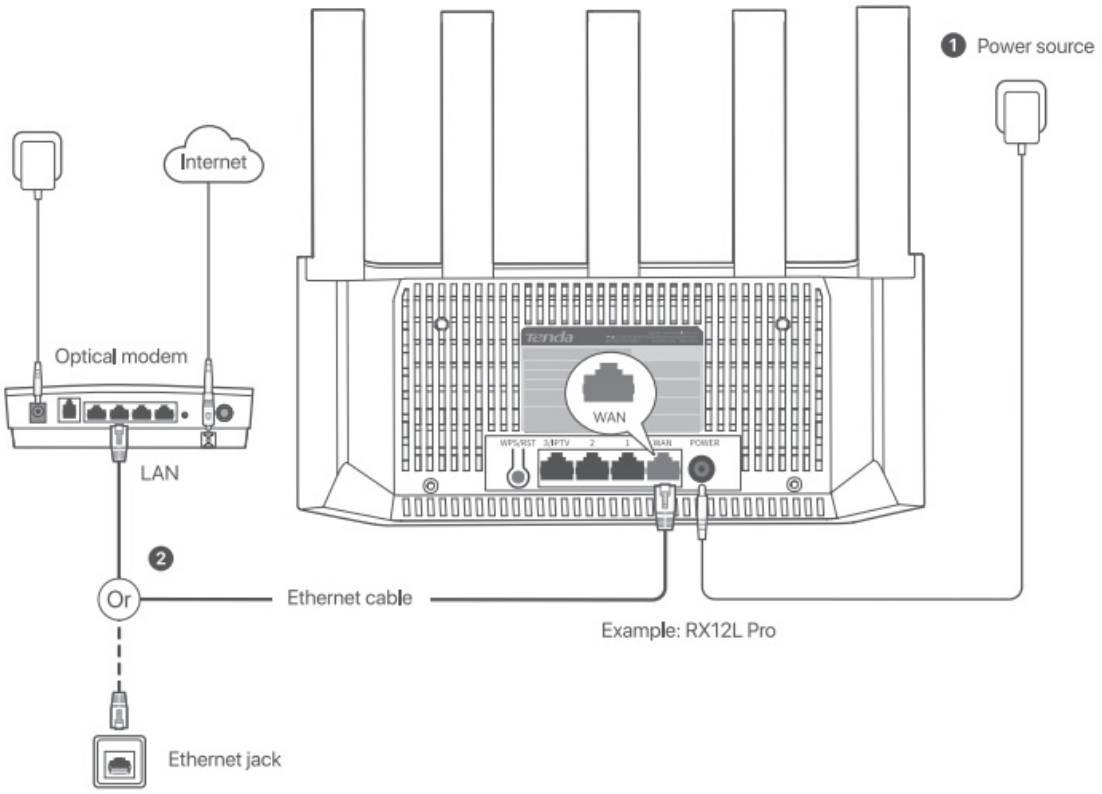
Scenario 2: Set Up as an Add-on Node

Tips

- This route can be networked with Tenda Wif + 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 are used as an example here. If the router fails to be added to an existing network, contact Tenda

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.

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.

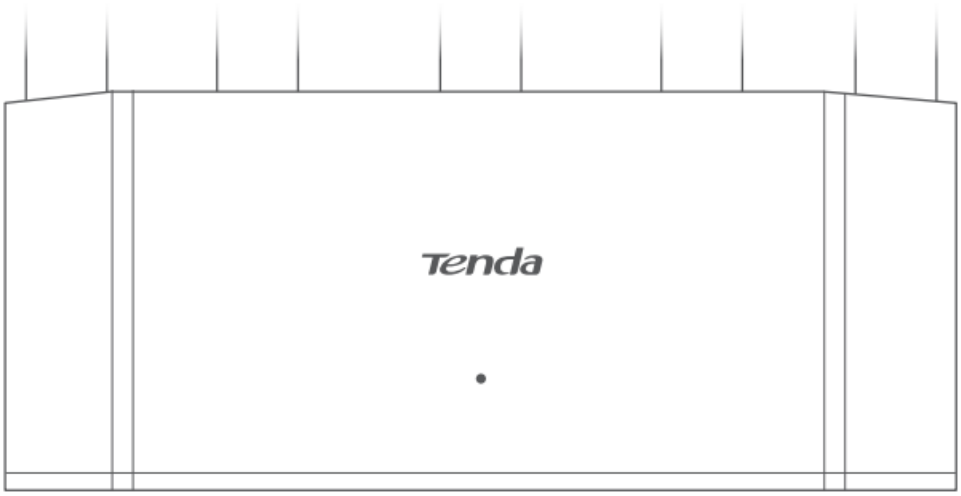
2. Power on the router again.
3. Wait 1-2 minutes and observe the router’s LED indicator. If the LED indicator is solid green, the connection between the primary node and the secondary node is good. Otherwise, move the router (secondary node) closer to the existing router for better connection quality.

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

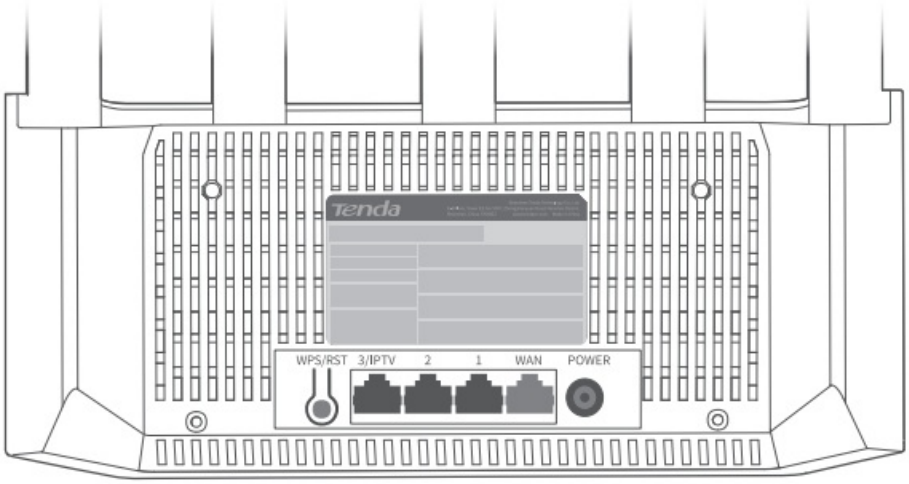


Example: RX12L Pro

LEO indicator	Scenario		Status	Description
LEO indicator	Startup		Solid green	The system is starting up.
	Internet connection	Primary node	Solid green	The router is connected to the internet.
			Blinking green slowly	Not configured and the filter is not connected to the internet.
			Blinking red slowly	Configured but the router failed to connect to the internet.
			Blinking orange slowly	Configured tut ro Ethernet cable isconnected to the WAN part.
		ary	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 for 3 Seconds	A device is connected to or disconnected from an Ethernet port of the router.
	PPPoE user name and password imparting (only for primary node)		Blinking green quickly for Seconds	PPPoE user name and password are imparted 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	Used to start the WPS negotiation process, or to reset the router. – 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 it is used as a Mesh networking 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 farm a network. Within 2 minutes, press the MESH/WPS button of another device for 1-3 seconds to negotiate with this device. – Reset method: Refer to Q3 in FAQ.
3/IPTV	Gigabit LAN/IPTV port. It is a LAN port by default. When the IPTV function is enabled, it can only serve as an IPTV part to connect to a set-top box.
1,2	Gigabit LAN part. Used to connect such devices as computers, switches, and game machines.
WAN	Gigabit WAN part. Used to connect to a modem or the Ethernet jack for internet access.
POWER	Power jack.

FAQs

1: I cannot log in to the web UI by visiting tendawiti.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 XXXXXX) 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 settina, use the changed Wifi name and password to connect to the WiFil TerrorK.
- It 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 wed lowser.
  - 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 Witt network or the router.
  - Visit **tondawi.com** to log in to the web Uland chance vour Wirl name and Wirl password on their 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 a 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 reser successfully and rebooted, you can continue 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 new obstacles.
- Unfold the antenna of the router vertically.
- Keep your router away from electronics with strong interterence, 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 use 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 the Innovation, Science and Economic Development Canada license-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 chances or modifications not express approval dy te party response die tor compliance could volo mne users Aumont to doer are the comment lous es chancements ou mocmcaions non exo ressement art ouvee darle lesconside de la contormie courraitvicer l’uulisa eur est navire a excioner recuperen. seDe Radiation exposure element Unis equipment complies with or radiation exposure limits set torin tor an uncontrolled I 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 a minimum distance 20cm between the radiator and your body Operation or 9 190-9390Mnz Is restricted to indoor use onty. le toncuonnement de s 13u-ossovrz estime a une un saron en merieur unicuement

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 full text of the EU Declaration of Conformity is available at the following internet address:

- **https://www.tendacn.com/download/list-9.html**

Operating Frequency/Max Output Power

- 2412MHz-2472MHz/20dBm
- 5150MHz-5250MHz (indoor use only)/
- 23dBm (RX2L/TX2L/RX2L Pro/TX2L Pro)
- 5150MHz-5350MHz (indoor use only)/
- 23dBm (RX12L/TX12L/RX12L Pro/TX12L Pro)

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 the 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.

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 radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.

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

Caution:

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Operating frequency:

- 2412-2462 MHz|
- 5150-5250 MHz (RX2L/TX2L/RX2L Pro/TX2L Pro) |
- 5150-5350 MHz (RX12L/TX12L/RX12L Pro/TX12L Pro)|
- 5725-5825 MHz

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.

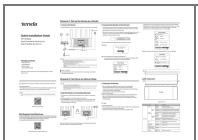
Attention:

In EU member states, EF TA countries, Northern Ireland, and Great Britain, the operation in the frequency range 5150MHz-5350MHz (RX12L/TX12L/RX12L Pro/TX12L Pro) and 5150MHz-5250MHz (RX2L/TX2L/RX2L Pro/TX2L Pro) is only permitted indoors.

Technical Support

- Shenzhen Tenda Technology Co., Ltd.
- Floor 6-8, Tower E3, No.1001, Zhongshanyuan Road, Nanshan District, Shenzhen, China. 518052
- Website: **www.tendacn.com**
- E-mail: **support@tenda.com.cn**
- **support.uk@tenda.cn** (United Kingdom)
- **support.us@tenda.cn** (North America)

Documents / Resources

	Tenda RX2L Better Net Working [pdf] Installation Guide RX2L Better Net Working, RX2L, Better Net Working, Net Working, Working

References

- User Manual