Tenda

Quick Installation Guide

N300 Mini WiFi Range Extender

A301

Package content

- WiFi extender x 1
- Quick installation guide x 1

For product or function details, please go to www.tendacn.com to download the user guide.

LED Indicators

LED indicator	Status	Description
PWR	Solid on	The extender is connected to a power source properly.
	Off	The extender is not powered on.
Signal	Solid blue	The extender has connected to your WiFi router, and its position is proper.
	Solid red	The extender is too far away from your WiFi router. Relocate the extender closer to the router.
	Off	The extender does not connect to your WiFi router.
WPS	Solid on for 2 mins > off	A WPS connection is established.
	Blinking	The extender is performing WPS negotiation.
	Off	The WPS function is disabled or no WPS connection is in progress.

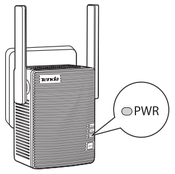
Buttons and ports

Button/Port	Description
WPS	Press the button of the router, and enable the WPS function of another device within 2 minutes to establish a WPS connection.
RESET	When the PWR LED indicator of the extender is solid on, hold down this button using a needle, and release it when all the LED indicators blink once then turn off. When the PWR LED indicator turns solid on again, it is reset successfully.
	LAN port. - In extender mode, it is used to connect to a computer or an IPTV STB. - In AP mode, it is used to connect to your wired router to provide wireless network for wireless devices.

Method 1: Extending your WiFi network using the web UI

① Power on the extender

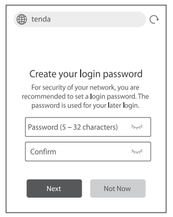
Plug the extender into a power outlet near your WiFi router in the same room. The PWR LED indicator lights solid on.



② Extend your WiFi network

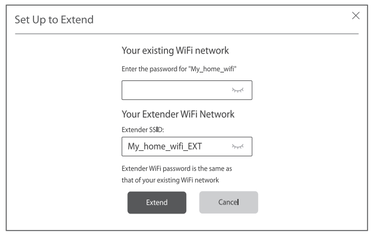
1. Connect your device (such as smart phone) to the WiFi network of the extender, which is **Tenda_EXT.**
   Ensure that the Mobile Data function (if any) of your device is disabled.
2. After connecting to the extender's SSID, you will be directed to the quick setup page. If not, start a web browser, and access **re.tenda.cn** or **192.168.0.254** .

3. Create a login password for security (recommend) and click **Next**.

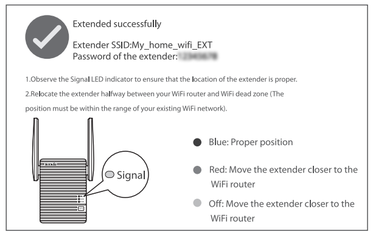


4. Select the WiFi network (SSID) of your exiting router.

5. Enter the password for the selected WiFi network. Modify your extender's SSID (optional), and click **Extend**.



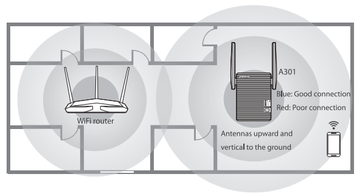
6. Wait until the Extended successfully page appears.



③ Relocate the extender

For better performance, follow the on-screen tips or the steps below to relocate your extender.

1. Plug the extender into an outlet halfway between the router and the WiFi dead zone.The location you choose must be within the range of your existing WiFi network.
2. Wait until the Signal LED indicator turns blue. If not, move the extender closer to the router.



④ Connect to the internet

Connect your devices to the extender using the SSID set by yourself or your router's SSID with the suffix "_EXT" if it is not changed. The WiFi password is the same as your router.

Method 2: Extending your WiFi network using the WPS button

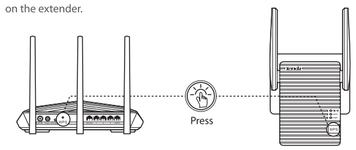
You can use **Method 2** if your router has a WPS button, which may be indicated by , , or . Otherwise, use **Method 1**.

① Power on the extender

Plug the extender into a power outlet near your WiFi router in the same room. The PWR LED lights solid on.

② Extend your WiFi network

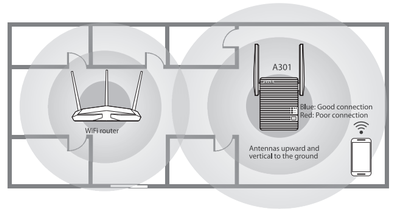
1. Press the WPS button on the router. Within 2 minutes, press the WPS button on the extender.



2. Wait until the Signal LED on the extender turns solid blue or red. If not, try **Method 1**.

③ Relocate the extender

1. For better performance, plug the extender into an outlet halfway between the router and the WiFi dead zone.
   The location you choose must be within the range of your existing WiFi network.
2. Wait until the Signal LED indicator turns solid blue. If not, move the extender closer to the router.



④ Connect to the internet

Connect your devices to the extender using the WiFi router's SSID with a suffix "_EXT" . The WiFi password of the extender is the same as that of your router.

FAQ

Q1: I cannot log in to the web UI of the extender. What should I do?

A1: Try the following solutions:

- If a WiFi device is used, ensure that your WiFi device has connected to the extender's WiFi network **Tenda_EXT**, and the mobile data is disabled.
- If a computer is used, ensure that your computer has connected to the extender's WiFi network **Tenda_EXT**, and your computer has set to **Obtain an IP address automatically** and **Obtain DNS server address automatically.**
- Reset the extender, and try again.

Q2: How to reset the extender?

A2: When the PWR LED of the extender is solid on, hold down the RESET button on the extender using a needle, and release it when all the LED indicators blink once then turn off. After the PWR LED turns solid on again, the extender is restored to the factory settings successfully.

Q3: The extender cannot find the WiFi network of my router. What should I do?

A3: Try the following solutions:

- Ensure that the WiFi network of your router is enabled and can be detected by your WiFi device.
- Change the channel of your router, and try again.
- Change the encryption type of the router to WPA-PSK or WPA2-PSK, and try again.

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 minimum distance 20cm between the device and your body.

The mains plug is used as disconnect device, the disconnect device shall remain readily operable.

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 radio equipment type A301 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:
http//www.tendacn.com/en/service/download-cata-101.html.

Operating Frequency: EU/2400-2483.5MHz (CH1-CH13)
EIRP Power (Max.): 19.5dBm
Software Version: V03.03.01.20_multi

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 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.

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 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: 2412-2462MHz

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.

Operating Temperature: 0 °C - 40 °C
Operating Humidity: (10% - 90%) RH, non-condensing

RECYCLING

This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). 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 buys a new electrical or electronic equipment.

Technical Support

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Toll Free: 7 x 24 hours
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Toll Free: Mon - Fri 9 am - 6 pm PST

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