Manuals+ — User Manuals Simplified.

Tenda A33 AX3000 WiFi 6 Range Extender Installation Guide
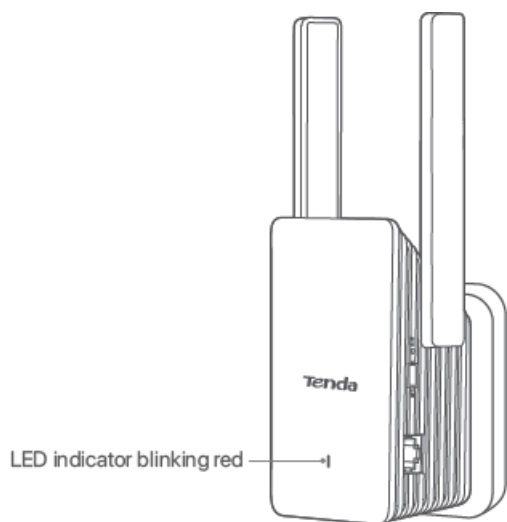
Contents

A33 AX3000 WiFi 6 Range Extender

Quick Installation Guide
AX3000 Wi-Fi 6 Range Extender A33

I Power on the extender

Plug the extender into a power outlet near the router, and wait until the LED indicator of the extender blinks red.

LED indicator blinking red

II Connect to the internet

Method 1: Set up the extender to extender mode

Tips

Select this mode if you want to extend the WiFi coverage of your original router.

Setup by smartphone

1. Connect the smartphone to the WiFi network of the extender: Tenda_EXT and when the web UI of the extender is displayed automatically, tap Start Now.

Thanks for Choosing Tenda WiFi Range Extender

Start Now

2 Set Login Password, and tap Next.

Set Login Password

Set Extender Login Password

For network security, please set a login password for logging in to the web UI.

Login Password

Confirm Password

Not now   Next

3 Choose Extender Mode, and tap Next.

Working Mode
Please choose the working mode based on your scenario
Extender Mode
Extend the coverage of the existing WiFi network.
AP Mode
Convert the existing wired network to a WiFi network.
Next

4 Choose the WiFi network to be extended.

Internet Settings
Please choose the WiFi network to be extended
Tenda_1 2.4G

* If the above page does not appear, please start a web browser, and access re.tenda.cn in the address bar to manually log in to the web UI. If the web UI still does not appear, refer to Q1 in FAQ.

5 Enter the WiFi password of the network to be extended. You can change the extender WiFi name as required, and tap Next.

Internet Settings
Upstream WiFi Name
Tenda_1
Upstream WiFi Password
No fewer than 8 characters
Extender WiFi Name
Tenda_1
The WiFi name and WiFi password of the extender are those of the upstream WiFi network; you can also choose to customize the extender WiFi name
Next

6 Tap Extend

Internet Settings

Before you start, record the following information for confirmation after extension.

⊘ LED indicator lighting solid on indicates successful extension. You can connect to the following WiFi network to access the internet

WiFi Name: Tenda_1
WiFi Password: XXXXXXXX

- Solid blue: Proper position or too close to the router
- Solid yellow: Fair position. Move towards the router
- Solid red: Poor position. Move towards the router

⊗ LED indicator blinking red indicates extension failed. Please connect to the following WiFi network to extend again

WiFi Name: Tenda_EXT
WiFi Password: XXXXXXXX

Extend

Extension Completed

Completed

Configuration completes. Please perform operations depending on the status of the LED indicator.

⊘ LED indicator lighting solid on indicates successful extension. You can connect to the following WiFi network to access the internet

WiFi Name: Tenda_1
WiFi Password: XXXXXXXX

- Solid blue: Proper position or too close to the router
- Solid yellow: Fair position. Move towards the router
- Solid red: Poor position. Move towards the router

⊗ LED indicator blinking red indicates extension failed. Please connect to the following network to extend again

WiFi Name: Tenda_EXT

- Blinking red: Extension failed. Please connect to the WiFi network of the extender (Tenda_EXT) and extend again

OK

Other methods

Setup by computer

❶ Connect your laptop to the WiFi network of the extender: Tenda_EXT, or use an Ethernet cable to connect the computer to the ethernet port of the extender.

❷ The computer is redirected to the web UI of the extender. Click Start Now.

❸ Set the extender to work in Extender Mode to bridge the router WiFi network following the onscreen instructions.

* If you cannot log in to the web UI, please start a web browser, and access re.tenda.cn in the address bar to manually log in to the web UI. If the web UI still does not appear, refer to Q1 in FAQ.

Setup by WPS button

* This method is applicable if your router has a WPS button or supports Tenda Wi-Fi+ Mesh   technology.

❶ Press the WPS button on the router to   enable its WPS function.

❷ Within 2 minutes, press the WPS button on the extender, and its LED   indicator blinks red fast. When the LED indicator blinks red fast. When the LED indicator lights solid on, the setup is successful.
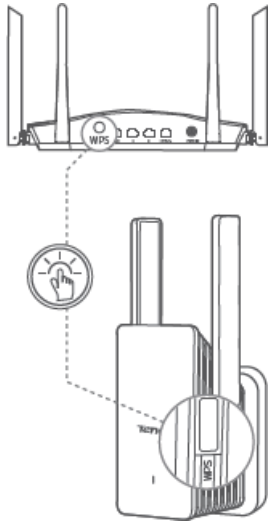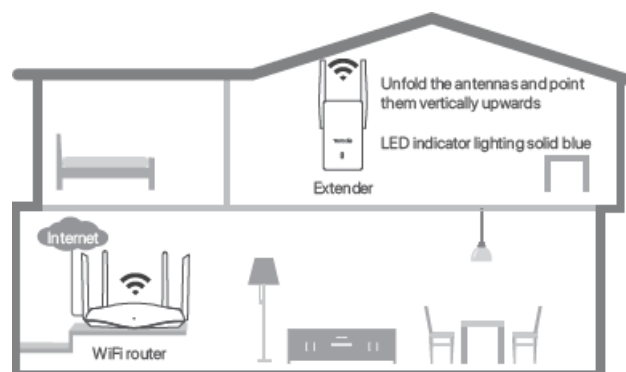

III Relocate the extender (applicable for extender mode only)

1. Refer to the following relocation tips to locate the extender to obtain a better performance:

- Place the extender between the router and the WiFi dead zone (the location you choose must be within the coverage of the router).
- Keep your extender away from electronics with strong interference, such as microwave ovens, induction cookers, and refrigerators.
- Place the extender in a high position with few obstacles.

2. Observe the LED indicator of the extender to ensure the extender is located in a proper position.

- Solid blue: Proper position.
- Solid yellow: Fair position. Move the extender closer to the router.
- Solid red: Poor position. Move the extender closer to the router.

IV Connect to the extender

WiFi Name
- Extender mode: The WiFi name you set or the WiFi name of the router
- AP mode: The WiFi name you set

WiFi Password
- Extender mode: Same as the router
- AP mode: The WiFi password you set
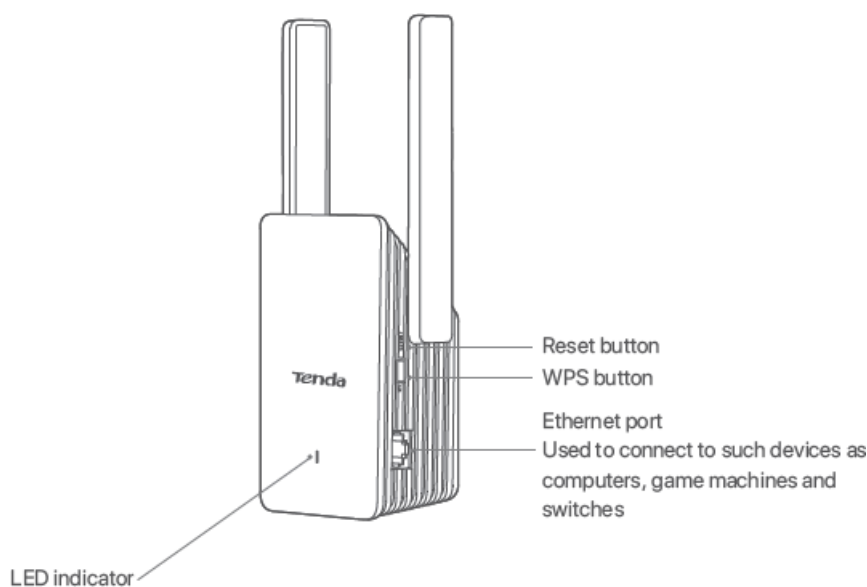
Wireless clients
(such as smartphone)

Ethernet cable

Computer
(only applicable for extender mode)

Appearance

Reset button
WPS button

Ethernet port
Used to connect to such devices as computers, game machines and switches

LED indicator

Solid blue: Extended successfully. Proper position or too close to the router
Solid yellow: Extended successfully. Fair position. Move the extender closer to the router
Solid red: Extended successfully. The extender is too far away from the router
Blinking red slowly: Startup completes. Not extended or failed to extend
Blinking red fast: Extending by WPS button

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.

The device is for indoor usage only.

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 foran uncontrolled environment andit also complies with
Part 15 of the FCCRF Rules.

This equipment should be installed and operated with minimum distance 20cm betweenthe 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, 5150-5350MHz, 5725-5850MHz

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 usea shielded RJ45 cable.

Safety Precautions

Before performing an operation, 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, the installation and maintenance personnel need to understand the basic safety precautions to be taken.

1. Do not use this apparatus near water.
2. Clean only with dry cloth.
3. Do not block any ventilation openings, such as newspapers, table-cloth, curtains, etc.
4. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus that produce heat.
5. Do not damage the ground conductor or operate the device in the absence of well
6. Protect the power cord from being walk on or pinched particularly at the plugs, convenience receptacles and at the point where they exit from the apparatus.
7. Only use attachments/accessories specified by the manufacturer.
8. Unplug this apparatus during lighting storms or when unused for long periods of time.
9. Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into

the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

11. Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing.

12. Warning: To reduce the risk of electric shock, do not remove cover as thereon user-serviceable parts inside. Refer servicing to qualified personnel.

CE Mark Warning

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

(Operations in the 6.16-6.25GHzband are restricted to indoor use only.

This equipment should be installed and operated with a 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, itis recommended to use a shielded RJ4S cable.

Declaration of Conformity

Hereby SHENZHEN TENDA TECHNOLOGY CO, LTD. declares that the radio equipment type A33isin compliance with
Directive 2014/53/U.

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

Operating Frequency:

2.4GHz: EU/2412-2472MH2 (CH1-CH13)

'8GHz: 5180-5825 MHz (CH36-CH165)

EIRP Power (Max.):

2.4GHz:<20d8m

GHz: <21d8m

Software Version: V16.03.19.01 For EU/EFTA, this product can be used in the following countries:

**Q1.1 cannot log into the web UI of the extender.
What should Ido?**
AI. Try the following solutions:

Before extension:
– If you are using a wireless client, such as a smartphone:
● Ensure that your smartphone has connected to the WiFi network of the extender: Tenda EXT.
● Ensure that the Mobile Data (if any) function is disabled.
– If you are using a wired client, such as a computer, ensure that your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
– Reset the extender, and then log in again.
After extension:
– If you are using a wireless client, such as a smartphone, ensure that your smartphone has connected to the WiFi network of the extender.
Its WiFi name is the same as the upstream router by default unless you stone by yourself. If the WiFi name of the extender is the same as the upstream router, please stand nearby the extender and connect to its WiFi network (the extender should not be too close to the router).
– If you are using a wired client, such as a computer, ensure that your computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.

Q2. How to reset the extender?
A2. When the extender completes startup, press the **RESET** button using a needle-like item (such as a pin) for about 1to 3 seconds.
When the LED indicator blinks blue, the extender is reset successfully.

Q3. My extender cannot find the WiFi network of my router. What should do?
A3. Try the following solutions:
– Verify that your smartphone can detect the WiFi network of your router.
– 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.

Q4. I cannot find the WiFi name of the extender after extending the network successfully (the LED indicator is solid blue). What should I do?
A4. The possible reason is that you did not customize the extender WiFi name when extending the network. In this case, the WiFi name of the extender is the same as the upstream router after the extension is successful.

Documents / Resources

Tenda A33 AX3000 WiFi 6 Range Extender [pdf] Installation Guide
A33, V7TA33, AX3000 WiFi 6 Range Extender, A33 AX3000 WiFi 6 Range Extender, WiFi 6 Range Extender, Range Extender