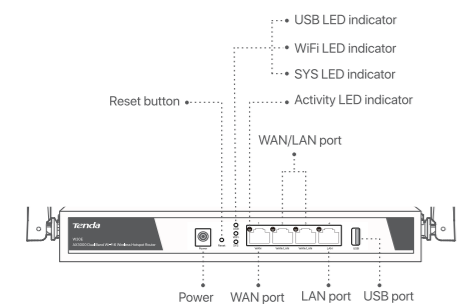


LED indicators, ports and button



| LED Indicator | Status | Description |
|---------------|---------------|--|
| USB | Solid on | A USB device is connected to the router, but no data is being transmitted. |
| | Blinking | A USB device is connected to the router, and data is being transmitted due to the read-write operation. |
| | Off | No USB device is connected to the router or a USB device is connected improperly. |
| WiFi | Solid on | At least the 2.4 GHz or 5 GHz wireless network is enabled. |
| | Fast blinking | The router is in cable-free networking with other devices. After the networking is done, the indicator becomes solid on. |
| SYS | Solid on | The system is starting. After startup, it indicates that the system is faulty. |
| | Blinking | The system is working properly. |
| | Off | The system is not working. |
| Activity | Solid on | No data is being transmitted over the port. |
| | Blinking | Data is being transmitted over the port. |
| | Off | The port is disconnected, or connected improperly. |

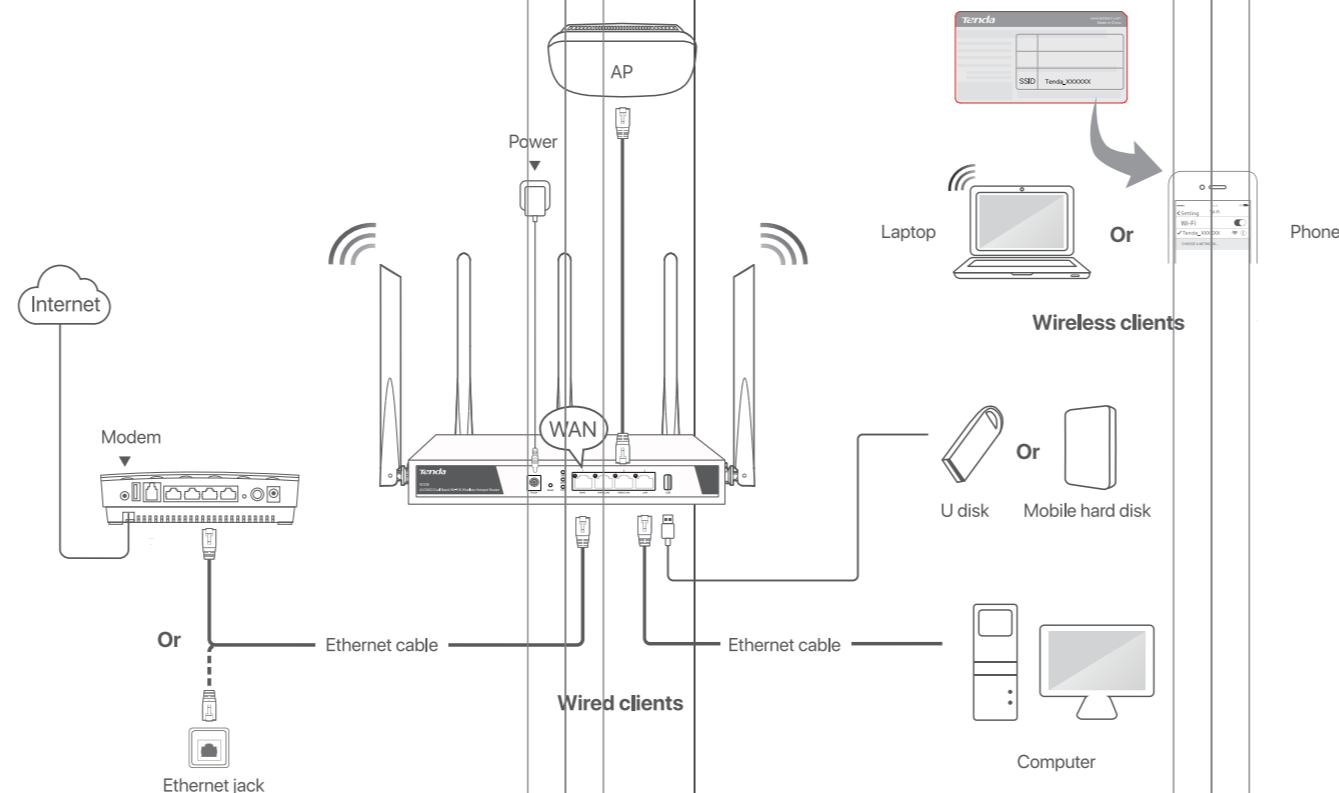
Tips

- The router supports wall mounting (two mounting holes on the bottom). The recommended parts are as follows:
Expansion bolts: height: 6.6 mm, inner diameter: 2.4 mm, length: 26.4 mm
Screws: PA3*14 mm, head diameter: 5.2 mm, head height: 1.8 mm
- The router is only suitable for mounting at heights ≤ 2 m.

| Port/Button | Description |
|-------------|---|
| Power | Power jack. Use the included power adapter to supply power to the router. |
| Reset | Reset button. When the SYS LED indicator is blinking, hold down the Reset button for about 8 seconds, then release when all LED indicators light up. The router is reset to the factory settings successfully. |
| WAN | Gigabit internet port. Used to connect the router to the internet. |
| WAN/LAN | By default, they are gigabit LAN ports. You can log in to the web UI of the router to change them to WAN ports as needed. |
| LAN | Gigabit LAN port. Used to connect to wired devices, such as computers, switches, or access points. |
| USB | USB port. Used to connect to a portable USB device. |

I Connect your router

- Connect the included power adapter to the **Power** jack of the router to power it on.
 - Use an Ethernet cable to connect an Ethernet jack or a LAN port of your modem to the WAN port of the router.
 - Connect your computer to a LAN port of the router, or connect your WiFi-enabled device, such as a smartphone, to the wireless network of the router.
- *The default SSID is shown on the label of the router. By default, it has no WiFi password.



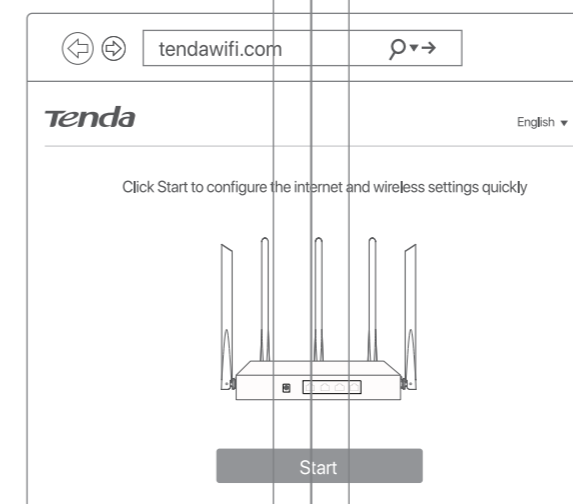
II Configure your router

Tips

- You can perform quick setup either using a computer or a smartphone. Computer is used for illustration here.
- If a smartphone is used, disable its **Mobile Data** function.

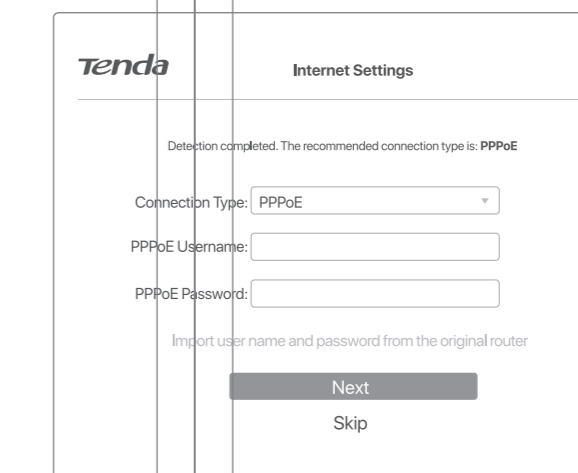
Step 1: Start a web browser on the computer connected to the router and visit tendawifi.com or **192.168.0.1**.

Step 2: Click **Start**, then the system automatically detects your internet connection type.



Step 3: After detection completed, just follow the on-screen instructions to set up your router.

PPPoE is used for illustration here. Enter the **PPPoE Username** and **PPPoE Password** provided by your ISP, and click **Next**.



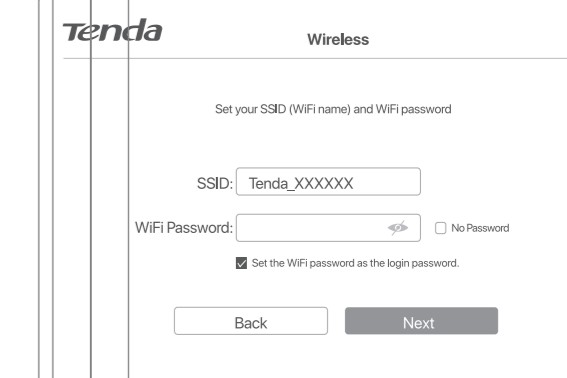
Step 4: Customize the **SSID** (WiFi name) and **WiFi Password** as needed.

By default, the **WiFi Password** is set as the **Login Password**. You can deselect the check box and customize them separately.

Step 5: Click **Next**.

Tips

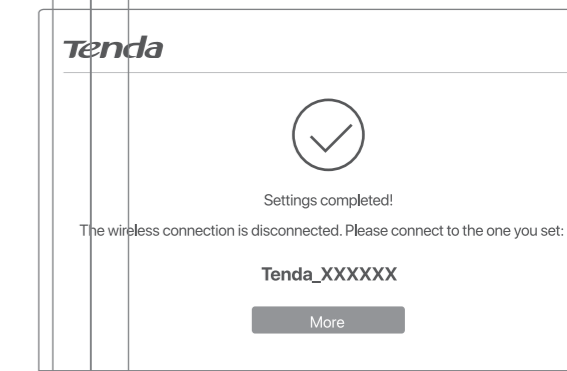
- WiFi Password** is used for connecting your wireless network, while **Login Password** is used for logging in to the web UI of the router.



Done.

To access the internet with:

- Wireless clients:** Connect your wireless clients to the SSID with the WiFi password you set.
- Wired clients:** Connect the wired clients to LAN ports of the router.



FAQ

Q1: I cannot log in to the web UI of the router by visiting tendawifi.com or **192.168.0.1**. What should I do?

A1: Try the following solutions:

- For configuration using a smartphone, ensure that:
 - Your smartphone has been connected to the wireless network of the router.
 - Its **Mobile Data** function is disabled.
- For configuration using a computer, ensure that your computer has been securely connected to the LAN port of the router, and the corresponding activity LED indicator lights up.
- Reset the router. When the **SYS** LED indicator is blinking, hold down the **Reset** button for about 8 seconds, then release when all LED indicators light up. The router is reset to the factory settings successfully.

Q2: My computer or smartphone cannot access the internet after configuration. What should I do?

A2: Try the following solutions:

- Log in to the web UI of the router, and check if the router is connected to the internet properly. If not, navigate to the **Internet Settings** page, and follow the on-screen instructions to solve it.
- If the wireless network is inaccessible:
 - Check if your wireless clients have been connected to the correct SSID (You can check the SSID on the **Wireless** page of the web UI).
 - If they have been connected to the correct SSID, but still cannot access the internet, forget this WiFi network, then try reconnecting to it.
- If the computer connected to the router cannot access the internet, ensure that the computer is set to **Obtain an IP address automatically** and **Obtain DNS server address automatically**.
- Log in to the web UI of the router, and check if your clients are added into the blacklist. If yes, unblock them.
- If the problem persists, consult your ISP.

Q3: Why cannot my wireless clients scan the wireless signals of the router?

- A3:** Check if the **WiFi** LED indicator of the router lights up. If not, connect your computer to a LAN port of the router using an Ethernet cable, log in to its web UI, choose **Wireless > Wireless Settings**, and try the following solutions:
- Check if the wireless network of the router is enabled. If not, enable it and click **Save**. Then rescan using your smartphone.
 - If the wireless network is already enabled, click **Expand**, and check if **Hide SSID** is enabled. If yes, disable it, and click **Save**. Then rescan using your smartphone.
 - By default, the 2.4 GHz and 5 GHz SSIDs of the router are unified. To customize the 5 GHz wireless network of the router separately, disable **Unify 2.4&5 GHz SSID**, and the 5 GHz configuration part appears.
 - Only 5 GHz-compliant wireless clients can scan the 5 GHz SSID.



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. Operations in the 5.15-5.25 GHz band are restricted to indoor use only. This equipment should be installed and operated with a minimum distance of 20 cm 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 W30E 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:
2.4 GHz: 2412-2472 MHz
5 GHz: 5150-5250 MHz
EIRP Power (Max.):
2.4 GHz: 19.9 dBm
5 GHz: 22.8 dBm
Software Version: V16.01.0.X



Caution:

Adaptor Model: BN074-A18012E/BN074-A18012B/BN074-A18012U
Manufacturer: SHENZHEN HEWEISHUN NETWORK TECHNOLOGY CO., LTD.
Input: 100-240V AC, 0.6A; 50/60Hz
Output: 12V DC, 1.5A
⚡ : DC Voltage



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 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 of 20 cm 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; 5150-5350 MHz; 5725-5850 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.



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 new electrical or electronic equipment.

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, and the installation and maintenance personnel need to understand the basic safety precautions to be taken.
- Do not use the device in a place where wireless devices are not allowed.
 - Please use the included power adapter.
 - 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 - 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 EU/EFTA, this product can be used in the following countries:

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|
| BE | BG | CZ | DK | DE | EE | IE | EL | ES | FR | HR | IT | CY | LV |
| LT | LU | HU | MT | NL | AT | PL | PT | RO | SI | SK | FI | SE | UK/IR |



Technical Support

Shenzhen Tenda Technology Co., Ltd.
Floor 6-8, Tower E3, No.1001, Zhongshan Road, Nanshan District, Shenzhen, China. 518052
USA hotline: 1-800-570-5892
Toll Free: 7 x 24 hours
Canada hotline: 1-888-998-8966
Toll Free: Mon - Fri 9 am - 6 pm PST
Hong Kong hotline: 00852-81931998
Global hotline: +86 755-2765 7180 (China Time Zone)
Website: www.tendacn.com
E-mail: support@tenda.com.cn

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V1.0 Keep for future reference



Quick Installation Guide

AX3000 Dual Band Wi-Fi 6 Wireless Hotspot Router
W30E

Package contents

- Wireless Hotspot Router × 1
- Power adapter × 1
- Quick installation guide × 1



Please read this quick installation guide before you start. For product or function details, please go to www.tendacn.com to download the user guide.



Scan the QR code or search for Tenda WiFi in App Store/Google Play. Open the Tenda WiFi App, and connect to the WiFi network of the router for App management.