

# Quick Installation Guide

Wi-Fi 7 Router  
RE6L Pro/TE6L Pro/RE3L/TE3L



Get Support  
and Services

Scan the QR code or visit [www.tendacn.com](http://www.tendacn.com) for installation videos, technical specifications, user guides and more information.

You can see the product name and model on the product label.  
The label can be found on the back of the device.

## Package Contents

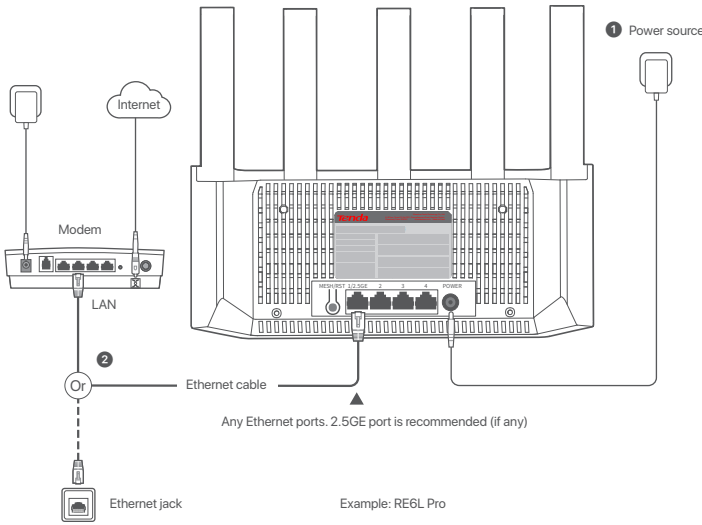
- Wireless router x 1
- Power adapter x 1
- Ethernet cable x 1
- Quick installation guide

RE6L 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.
    - 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.

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

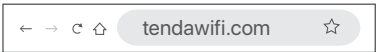
### II. Connect the Router to the Internet

- Connect your wireless client such as a smartphone to the Wi-Fi network of the router. For the default Wi-Fi name (SSID), check the label on the device body. It is no Wi-Fi password by default.

- Tips**
- If **Unsecured Network** prompts on the page, ignore it.
  - For network security, the Wi-Fi password will be set in later setup.

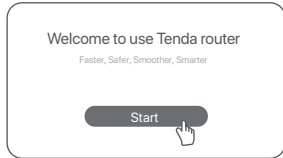


- The page will automatically redirect to the web UI of the router. If not, disable your mobile data traffic, start a browser and visit **tendawifi.com** in the address bar.

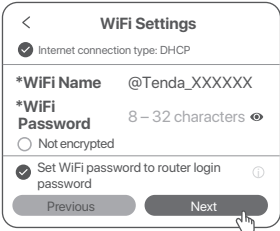


- Perform operations as prompted.

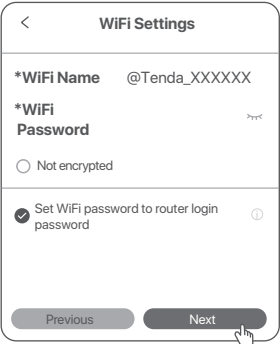
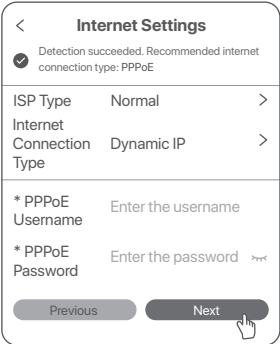
- 1 Tap **Start**.



- 2 If the router detects that your connection type is **DHCP**. Your internet access is available without further configuration (for example, PPPoE connection through an optical modem is completed). Set Wi-Fi name, Wi-Fi password and login password. Tap **Next**.



- If the router detects that your connection type is **PPPoE**. Set the Wi-Fi name, Wi-Fi password and login password. 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 forgot the PPPoE user name and password, you can obtain the PPPoE user name and password from your ISP and manually enter them.



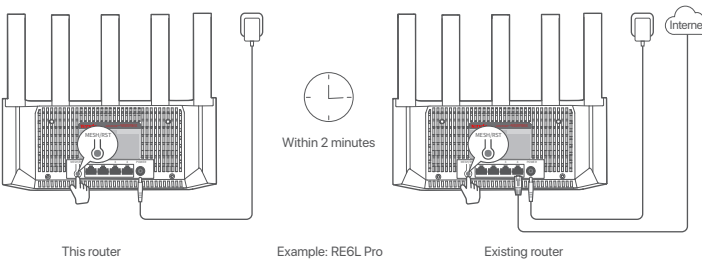
- Tips**
- The Wi-Fi password is used to connect to the Wi-Fi network, while the login password is used to log in to the web UI of the router.

## 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 RE6L Pro are taken 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

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



When the 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

- 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.
- Power on the router again.
- Wait for 1-2 minutes and observe the router's indicator. If the 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:

- Wi-Fi-enabled devices: Connect to your Wi-Fi network. (The Wi-Fi name and Wi-Fi password of the new router are the same as the existing router.)

\* Clients need to support 802.11be to experience the high speeds offered by Wi-Fi 7 routers.

- Wired devices: Connect to an Ethernet port of any router using an Ethernet cable.

## Internet Connection with NFC

The router has NFC stickers, you can connect your NFC-enabled devices to the router's Wi-Fi with one-touch. Only NFC-enabled **Android** or **HarmonyOS** phones or tablets can connect to the internet with one-touch.

- Write Wi-Fi information to NFC stickers.

- Install and register **Tenda WiFi** App by scanning the QR code. After managing the router (connect to the router's Wi-Fi, the App will automatically discover the router), enter the router configuration page and navigate to the **NFC Sticker**.



Scan to download Tenda WiFi App

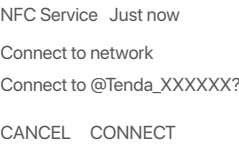
- Select the Wi-Fi name you want to write into sticker, and tap **Write NFC Sticker**.
- Place the NFC sticker near the NFC area of the phone (usually around the camera on the back of the phone). Wait for a moment, the Wi-Fi information is successfully written into the NFC sticker. Place the NFC sticker in a visible location at home for internet access.

\*NFC stickers can be re-written if the Wi-Fi name or Wi-Fi password changes.

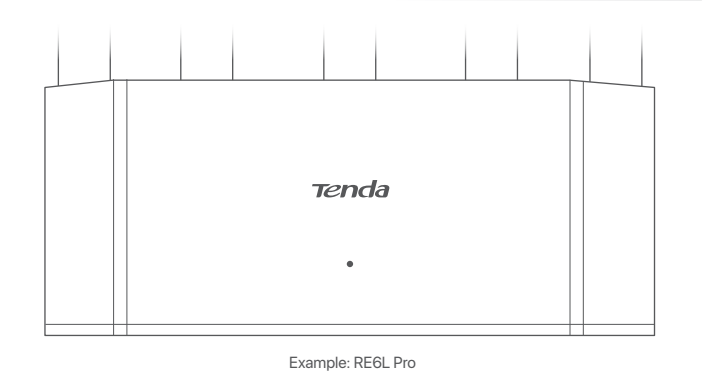
- Connect your phone to the internet.

\* Ensure that the NFC function is enabled, and the screen is unlocked and active.

Place the NFC sticker near the NFC area of the phone, wait for a moment, and remove the phone when the phone prompts for sound or vibration. When the phone prompts **Connect to network**, tap **CONNECT** to connect to Wi-Fi without encryption.



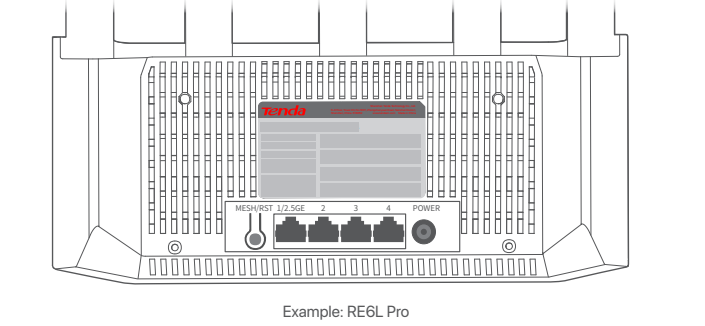
Indicator



| Indicator | Scenario                  |                     | Status                                                       | Description                                                                   |
|-----------|---------------------------|---------------------|--------------------------------------------------------------|-------------------------------------------------------------------------------|
| 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 router is not connected to the internet.               |
|           |                           |                     | Blinking red slowly                                          | Configured but the router failed to connect to the internet.                  |
|           |                           |                     | Blinking orange slowly                                       | Configured but not connected to an Ethernet port.                             |
|           |                           | 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 for 3 seconds                         | A device is connected to or disconnected from an Ethernet port of the router. |
|           | Resetting                 |                     | Blinking red quickly                                         | Restoring to factory settings.                                                |

Jack, Ports and Buttons

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



| Jack/Port/Button | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MESH/RST         | Used to start the WPS negotiation process, or to reset the router.<br>- <b>WPS:</b> Through the WPS negotiation, you can connect to the Wi-Fi network of the router without entering the password.<br><b>Method:</b> Press the button for about 1-3 seconds, and the indicator blinks green fast. Within 2 minutes, enable the WPS function of the other WPS-supported device to establish a WPS connection.<br>- <b>Mesh:</b> When it is used as a Mesh networking button, you can extend your network with another device that supports the Mesh function.<br><b>Method:</b> Press this button for about 1-3 seconds. The indicator blinks green fast, which indicates the device is searching for another device to form a network. Within 2 minutes, press the <b>MESH/WPS</b> button of another device for 1-3 seconds to negotiate with this device.<br>- <b>Reset method:</b> Refer to <b>Q4</b> in <b>FAQ</b> . |
| 1/2.5GE/2/3/4    | WAN/LAN auto-adaptive port. Any Ethernet ports can be functioned as WAN or LAN port.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| POWER            | Power jack.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

FAQ

- Q1: I cannot log in to the web UI by visiting tendawifi.com. What should I do?**  
**A1:** First, try to visit <http://tendawifi.com> or <http://192.168.0.1> in the address bar (not the search bar).  
If you are using a Wi-Fi-enabled device, such as a smartphone:
- Ensure that your smartphone is connected to the Wi-Fi network of the router.
    - For the first login, connect the Wi-Fi 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 settings, use the changed Wi-Fi name and password to connect to the Wi-Fi network.
  - Ensure that the cellular network (mobile data) of the smartphone is disabled.
    - If you are using a wired device, such as a computer:
      - Ensure that your wired devices are connected to a LAN port properly.
      - 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 **Q4** 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 Wi-Fi-enabled devices:
    - Ensure that your devices are connected to the Wi-Fi network of the router.
    - If you still cannot access the internet, connect your computer to the Ethernet port of your router with an Ethernet cable, log in to the web UI of the router, change your Wi-Fi name and Wi-Fi password, and reconnect to Wi-Fi.
  - 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: Some computers cannot search router's Wi-Fi. What should I do?**  
**A3:** Try the following solutions:
- Change the network mode of the router's 2.4G Wi-Fi and 5G Wi-Fi to not include 802.11ax and 802.11be, and search again.
  - If the router's Wi-Fi can be searched after changing the network mode, the wireless network adapter version is older and needs to be updated. You can go to the corresponding official website of the wireless network adapter to download and install, or you can use software such as driver wizard to detect and update online.
  - If only 2.4G Wi-Fi is searched, first check whether the computer supports 5G band. If other 5G Wi-Fi can be searched, change the 5G Wi-Fi channel of the router to channel 36 or channel 149 in turn, and then search. If it can be searched after changing the channel, it means that the 5G wireless network adapter only supports high-channel or low-channel Wi-Fi.

- Q4: How to restore the router to factory settings?**  
**A4:** With your router connected to power and turned on, hold down the reset (marked **RST** or **Reset**) button of the router for about 8 seconds, and release it when the indicator blinks red fast. After about 1 minute, the router is reset successfully and rebooted. You can configure the router 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 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 (Router) 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**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|
| <b>English:</b> Operating Frequency/Max Output Power<br><b>Deutsch:</b> Betriebsfrequenz/Max. Ausgangsleistung<br><b>Italiano:</b> Frequenza operativa/Potenza di uscita massima<br><b>Español:</b> Frecuencia operativa/Potencia de salida máxima<br><b>Português:</b> Frequência de Funcionamento/Potência Máxima de Saída<br><b>Français:</b> Fréquence de fonctionnement/Puissance de sortie maximale<br><b>Nederlands:</b> Bedrijfsfrequentie/Maximaal uitgangsvermogen<br><b>Svenska:</b> Driftsfrekvens/Max Uteffekt<br><b>Dansk:</b> Driftsfrekvens/Maks. Udgangseffekt<br><b>Suomi:</b> Toimintataajuus/maksimälähtöteho<br><b>Magyar:</b> Működési frekvencia/Maximális kimeneti teljesítmény<br><b>Polski:</b> Częstotliwość pracy / Maksymalna moc wyjściowa<br><b>Русский:</b> Рабочая частота/макс. выходная мощность<br><b>Čeština:</b> Provozní frekvence/maximální výstupní výkon<br><b>Ελληνικά:</b> Συχνότητα λειτουργίας/Μέγιστη Ισχύς Εξόδου<br><b>Română:</b> Frecvența de funcționare/Puterea maximă de ieșire<br><b>Български:</b> Работна честота/максимална изходна мощност<br><b>Eesti:</b> Toosagedus/Max väljundvõimsus<br><b>Slovenščina:</b> Delovna frekvenca/Največja izhodna moč<br><b>Slovenčina:</b> Prevádzková frekvencia/maximálny výstupný výkon<br><b>Hrvatski:</b> Radna frekvencija/Maksimalna izlazna snaga<br><b>Latviešu:</b> Operējošās frekvences/Maksimālā jauda<br><b>Lietuvių:</b> Darbinis dažnis/maksimali išėjimo galia<br><b>Türkçe:</b> Çalışma Frekansı/Maks. Çıkış Gücü<br><b>عربي:</b> تردد التشغيل / الحد الأقصى لمقاة الإخراج | 2412MHz-2472MHz(20dBm<br>5150MHz-5350MHz (indoor use only)/23dBm |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|



**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.  
The device is for indoor usage 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 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, 5150-5350 MHz, 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 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) |

**English-Attention:** In EU member states, EFTA countries, Northern Ireland and Great Britain, the operation in the frequency range 5150MHz-5350MHz is only permitted indoors.  
**Polski-Uwaga:** W państwach członkowskich UE, krajach Europejskiego Stowarzyszenia Wolnego Handlu (EFTA), Irlandii Północnej i Wielkiej Brytanii praca w zakresie częstotliwości 5150MHz-5350MHz jest dozwolona tylko w pomieszczeniach.  
**Deutsch-Achtung:** In den EU-Mitgliedsstaaten, den EFTA-Ländern, Nordirland und Großbritannien ist der Betrieb im Frequenzbereich 5150MHz-5350MHz nur in Innenräumen erlaubt.  
**Français-Attention:** Dans les États membres de l'UE, les pays de l'AELE, l'Irlande du Nord et la Grande-Bretagne, l'utilisation dans la gamme de fréquences 5150MHz-5350MHz n'est autorisée qu'en intérieur.  
**Nederlands-Aandacht:** In de EU-lidstaten, de EVA-landen, Noord-Ierland en Groot-Brittannië is gebruik in het 5150MHz-5350MHz frequentiebereik alleen binnenshuis toegestaan.  
**Čeština-Pozor:** V členských státech EU, zemích ESVO, Severním Irsku a Velké Británii je provoz ve frekvenčním rozsahu 5150MHz-5350MHz povolen pouze v interiéru.  
**Română-Atenție:** În statele membre UE, țările EFTA, Irlanda de Nord și Marea Britanie, operarea în intervalul de frecvență 5150MHz-5350MHz este permisă numai în interior.

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 (32°F - 104°F); Humidity: (10% – 90%) RH, non-condensing; Storage environment: Temperature: -40°C to +70°C (-40°F - 158°F) ; 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.
- Refer all servicing to qualified service personnel.
- Disconnect the power source during servicing.
- Keep this device out of reach of children to prevent children from using it as a toy and causing personal injury.
- The device's marking information can be found on its surface.

For the latest safety precautions, see **Safety and Regulatory Information** on [www.tendacn.com](http://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.  
Le onjunc areil est conforme aux CNR d' l'innovation, la science et le développement économique Canada licables aux areils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:  
(1) l'areil ne doit pas produire de brouillage, et  
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, onj si le brouillage est susceptible d'en compromettre le fonctionnement.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.  
Tous les changements ou modifications non expressément approuvée par le responsable de la conformité pourrait vider l'utilisateur est habilité à exploiter l'équipemen.

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 radiator& your body  
Cet appareil est conforme aux limitesd'exposition de rayonnement RF ISED établiespour un environnement non contrôlé. Cetémetteur ne doit pas être co-implanté oufonctionner en onjunction avec toute autreatenne ou transmetteur. La distance entre le radiateur et le corps doit être d'au moins 20 cm lors de l'installation et du fonctionnement de l'appareil.

Operation of 5150-5350MHz is restricted to indoor use only.  
le fonctionnement de 5150-5350MHz est limité à une utilisation en intérieur uniquement.

**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](http://www.tendacn.com)  
E-mail: [support@tenda.com.cn](mailto:support@tenda.com.cn)  
[support.uk@tenda.cn](mailto:support.uk@tenda.cn) (United Kingdom)  
[support.us@tenda.cn](mailto:support.us@tenda.cn) (North America)

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**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.

