




# Quick Installation Guide

Wireless 4G LTE Telephony Router


Images may differ from actual products.  
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## 2. Verify the Hardware Connection

Check the following LEDs' status. If the Internet LED  is on, your router is connected to the internet successfully.

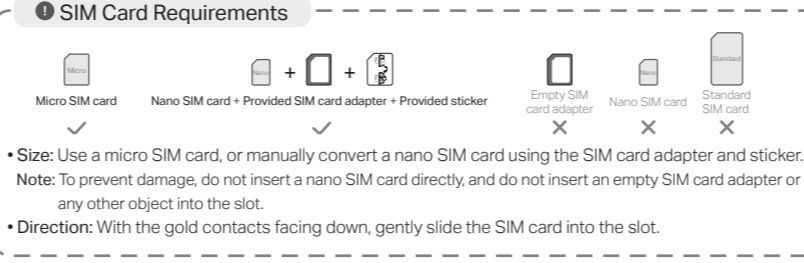


Note: If the Internet LED does not turn on, please refer to **Need Help? > Q2** on the back page.

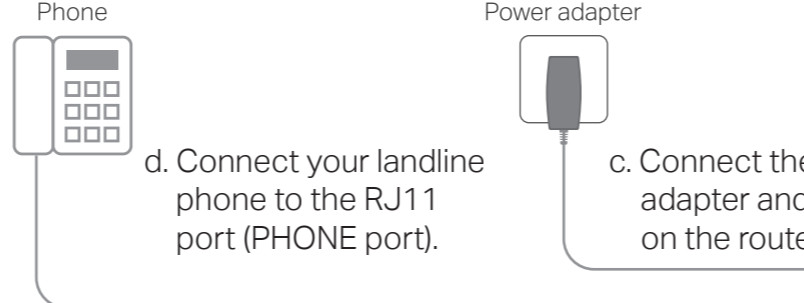
For better internet connection, make sure **2 or 3 bars** of the Signal Strength LED  are lit. Otherwise, try relocating the router to a spot that may receive a stronger mobile network signal, such as near a window.

## 1. Connect the Hardware

### SIM Card Requirements

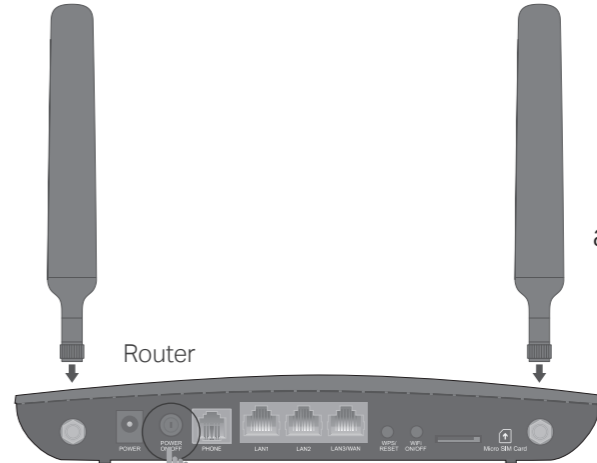


- **Size:** Use a micro SIM card, or manually convert a nano SIM card using the SIM card adapter and sticker.  
**Note:** To prevent damage, do not insert a nano SIM card directly, and do not insert an empty SIM card adapter or any other object into the slot.
- **Direction:** With the gold contacts facing down, gently slide the SIM card into the slot.



d. Connect your landline phone to the RJ11 port (PHONE port).

c. Connect the power adapter and turn on the router.



a. Install the antennas and position them upwards.

b. Insert the Micro SIM card into the slot until you hear a click.



## 3. Enjoy the Internet

- **Wired**  
Connect your computer to the router's LAN port via an Ethernet cable.
- **Wireless**
  - a. Find the SSID (network name) and wireless password printed on the label at the bottom of the router.

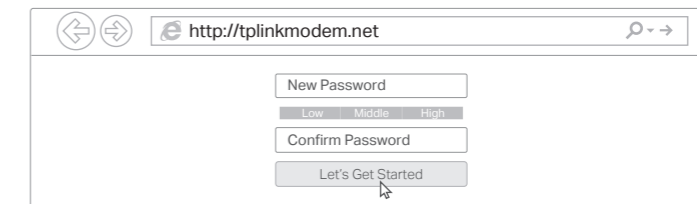
Note: For a dual-band router, you can find two default SSIDs. Choose one to join the Wi-Fi.



- b. Click the network icon of your computer or go to Wi-Fi settings of your smart device, and then select the SSID to join the network.

## 4. Customize the 4G LTE Router

1. Make sure your computer is connected to the router (wired or wireless).
2. Launch a web browser and type in <http://tplinkmodem.net> or <http://192.168.1.1>. Create a new password for future logins.  
Note: If the login page does not appear, please refer to **Q1 of Need Help?** in this guide.



3. Follow the step-by-step instructions of the **Quick Setup** to complete the initial configuration.

Note: The router can also be used (or configured) in Wireless Router Mode for DSL/Cable connections. For more advanced configurations, please refer to the user guide on TP-Link official website at [www.tp-link.com](http://www.tp-link.com).

# Configure Telephony Settings

By default, the router uses traditional voice services over 3G network.

- **To make / receive voice calls over LTE network (VoLTE)**
  - a. Launch a web browser, log in to the web management page at <http://tplinkmodem.net>.
  - b. Go to **Advanced > Telephony > Telephony Mode**, Select **VoLTE**.
  - c. In **VoLTE** section, toggle on this feature and click **Save**.

Note: To use this feature, your carrier must also support VoLTE calls. If you are not sure about it, contact your carrier for help.

- **To make / receive voice calls over internet (VoIP)**
  - a. Launch a web browser, log in to the web management page at <http://tplinkmodem.net>.
  - b. Go to **Advanced > Telephony > Telephony Mode**, Select **VoIP**.
  - c. In **VoIP** section, click **Add** to enter your telephone information and click **Save**.

Note: If your telephony provider is not listed in **Telephony Provider**, select **Other** then contact your carrier to get the necessary information.

# Configure the router via Tether App

The TP-Link Tether provides a simple, intuitive way to access and manage your router.

- Block unwelcome users from connecting to your network
- Change the basic wireless network settings
- View information about clients connected to your router
- Set up Parental Controls with access time

## How to begin?

1. Download the TP-Link Tether app.



2. Open the Tether app and log in with your TP-Link ID.  
Note: If you don't have an account, create one first.
3. Tap the **+** button in the Tether app and select **Router > 3G/4G Router**. Follow the steps to complete the setup and connect to the internet.

# LED Indicators

| LED             | Status                | Indication  |
|-----------------|-----------------------|---|
| Power           | On<br>Flashing<br>Off | Power is on.<br>The system is starting up or firmware upgrade is in progress.<br>Power is off.  |
| Internet        | On<br>Off             | Internet connection is available.<br>No Internet connection.  |
| Wi-Fi           | On<br>Flashing<br>Off | Wi-Fi is enabled.<br>WPS connection is in progress.<br>Wi-Fi is disabled.   |
| LAN             | On<br>Off             | A device is connected to the LAN port.<br>No device is connected to the LAN port.   |
| PHONE           | On<br>Flashing<br>Off | The phone is off-hook.<br>The phone is ringing.<br>The phone is on-hook.  |
| Signal Strength | On<br>Off             | Indicates the signal strength of the mobile internet network.<br>More lit bars indicates a better signal strength.<br>There is no mobile internet signal. |

# Need Help?

## Q1. What should I do if I cannot access the web management page?

- If the computer is set to a static IP address, change its settings to obtain an IP address automatically.
- Make sure <http://tplinkmodem.net> or <http://192.168.1.1> is correctly entered in the web browser.
- Use another web browser and try again.
- Reboot your router and try again.
- Disable and enable the active network adapter in use.

## Q2. What should I do if I cannot access the internet?

- Verify that your SIM card is an LTE or WCDMA card.
- Verify that your SIM card is in your internet service provider's service area.
- Verify that your SIM card has sufficient credit.
- Launch a web browser, log in to the web management page, and check the following:
  - 1) Go to **Advanced > Network > Internet** to verify the parameters provided by your ISP are correctly entered. If the parameters are incorrect, click **Create Profile** and enter the correct parameters, then select the new profile from the **Profile Name** list.
  - 2) Go to **Advanced > Network > PIN Management** to verify if PIN is required. If it is, enter the correct PIN provided by your ISP, and click **Save**.
  - 3) Go to **Advanced > Network > Data Settings** to verify if the **Total/Monthly Used** exceeds the **Total/Monthly Allowance**. If it does, click **Correct** and set **Total/Monthly Used** to 0 (zero), or disable **Data Limit**.
  - 4) Go to **Advanced > Network > Internet** to verify that **Mobile Data** is enabled. If it is not, enable it to access the internet.
  - 5) Confirm with your ISP if you are in a roaming service area. If you are, go to **Advanced > Network > Internet** to enable **Data Roaming**.

## Q3. How do I restore the router to its factory default settings?

- With the router powered on, press and hold the **WPS/RESET** button on the rear panel of the router until the Power LED starts flashing, then release the button. Wait while the router resets.
- Log in to the web management page of the router, and go to **Advanced > System Tools > Backup & Restore**, click **Factory Restore** and wait until the reset process is complete.

## Q4. What should I do if I forget my web management page password?

- Refer to Q3 to reset the router, then create a new password to log in.

## Q5. What should I do if I forget my wireless network password?

- The default wireless password is printed on the product label of the router.
- Connect a computer directly to the router using an Ethernet cable. Log in to the router's web management page and go to **Basic > Wireless** to retrieve or reset your wireless password.

## Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Do not use the device where wireless devices are not allowed.
- Adapter shall be installed near the equipment and shall be easily accessible.

For technical support, the user guide and other information, visit <https://www.tp-link.com/support>.