



# User Guide

AX6600 Tri-Band Wi-Fi 6 Gaming Router  
Archer GX90

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# About This Guide

This guide is a complement of Quick Installation Guide. The Quick Installation Guide instructs you on quick internet setup, and this guide provides details of each function and shows you the way to configure these functions appropriate to your needs.

Note: Features available in the router may vary by model and software version. Router availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Router experience.

## Conventions

In this guide the following conventions are used:

Convention	Description
<u>Underlined</u>	Underlined words or phrases are hyperlinks. You can click to redirect to a website or a specific section.
Teal	Contents to be emphasized and texts on the web page are in teal, including the menus, items, buttons, etc.
>	The menu structures to show the path to load the corresponding page. For example, <a href="#">Advanced</a> > <a href="#">Wireless</a> > <a href="#">WPS</a> means the WPS function page is under the Wireless menu that is located in the Advanced tab.
 <b>Note:</b>	Ignoring this type of note might result in a malfunction or damage to the device.
 <b>Tips:</b>	Indicates important information that helps you make better use of your device.
symbols on the web page	<ul style="list-style-type: none"><li> Click to edit the corresponding entry.</li><li> Click to delete the corresponding entry.</li><li> Click to view more information about items on the page.</li></ul>

†Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors,

‡Use of 802.11ax (Wi-Fi 6), OFDMA, HT160, and/or 1024-QAM requires clients to also support the corresponding features. The 160 MHz bandwidth may be unavailable in the 5 GHz band in some regions/countries due to regulatory restrictions.

§The 802.11ax white paper defines standardized modifications to both the IEEE 802.11 physical layers (PHY) and the IEEE 802.11 Medium Access Control (MAC) layer as enabling at least one mode of operation capable of supporting improvement of at least four times the average throughput per station (measured at the MAC data service access point) in a dense deployment scenario.

ΔUse of MU-MIMO and/or WPA3 requires clients to also support MU-MIMO/WPA3.

\*Any revision to a supported game may influence Game Accelerator's ability to support it. Please refer to our product page for the full list of supported games.

\*\*2.5 Gbps Internet speeds require compatible service plans and equipment. The 2.5 Gbps and Gigabit port cannot be concurrently configured as WAN ports.

\*\*\*This router may not support all the mandatory features as ratified in Draft 3.0 of the IEEE 802.11AX specification.

\*\*\*\*Further software upgrades for feature availability may be required.

## **More Info**

The latest software, management app and utility can be found at [Download Center](https://www.tp-link.com/support/download/) at <https://www.tp-link.com/support/download/>.

The Quick Installation Guide can be found where you find this guide or inside the package of the router.

Specifications can be found on the product page at <https://www.tp-link.com>.

TP-Link Community is provided for you to discuss our products and share knowledge at <https://community.tp-link.com>.

Our Technical Support contact information can be found at the [Contact Technical Support](https://www.tp-link.com/support/) page at <https://www.tp-link.com/support/>.

## Chapter 1

---

# Get to Know About Your Router

---

This chapter introduces what the router can do and shows its appearance.

It contains the following sections:

- [Product Overview](#)
- [Panel Layout](#)

## 1.1. Product Overview

The TP-Link router is designed to fully meet the need of Small Office/Home Office (SOHO) networks and users demanding higher networking performance. The powerful antennas ensure continuous Wi-Fi signal to all your devices while boosting widespread coverage throughout your home, and the built-in Ethernet ports supply high-speed connection to your wired devices.

The revolutionary OFDMA is introduced to improve average throughput by 4× and cut the latency. Powerful gaming features ensure your gaming stays immersive, and keep your network as fast as your reaction speed

Moreover, it is simple and convenient to set up and use the TP-Link router due to its intuitive web interface and the powerful Tether app.

## 1.2. Panel Layout

### 1.2.1. Top View



The router's LED is located on the top. You can check the router's working status by following the LED Explanation table.



## LED Explanation

Name	Status	Indication
▼	Pulsing orange	The system is starting up.
	Solid white	The router is working normally.
	Solid red	No internet connection.
	Pulsing Red	The Wi-Fi is off and there is no internet connection.
	Solid orange	The router is connected to the internet, but the Wi-Fi is off.
	Pulsing white	The firmware is being upgraded, WPS connection is being established or the router is being reset. Do not disconnect or power off your router.
	Off	Power is off or the LED is turned off.

### 1.2.2. The Side and Back Panel



The following parts (view from left to right) are located on the rear panel.

Item	Description
USB 2.0 + USB 3.0 Ports	For connecting your USB storage devices to the router.
Reset Button	Use a pin to press and hold this button until the LED blinks to reset the router to its factory default settings.
LAN 1-3 Ports	For connecting your PC or other wired devices to the router.
1 Gbps WAN/LAN + 2.5 Gbps WAN/LAN Ports	For connecting to a DSL/Cable modem, or an Ethernet jack.
Power Port	For connecting the router to a power socket via the provided power adapter.
Power On/Off Button	Press this button to power on or off the router.

## Button Description



Name	Description
↻ (WPS Button)	Press this WPS button, and immediately press the WPS button on your client device. The ▼ LED of the router should change from pulsing white to solid on, indicating successful WPS connection.
📶 (Wi-Fi Button)	Press the Wi-Fi button to turn on or off the wireless function of your router.
☀️ (LED Button)	Press the LED button to turn on or off the LEDs of your router.

## Chapter 2

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# Connect the Hardware

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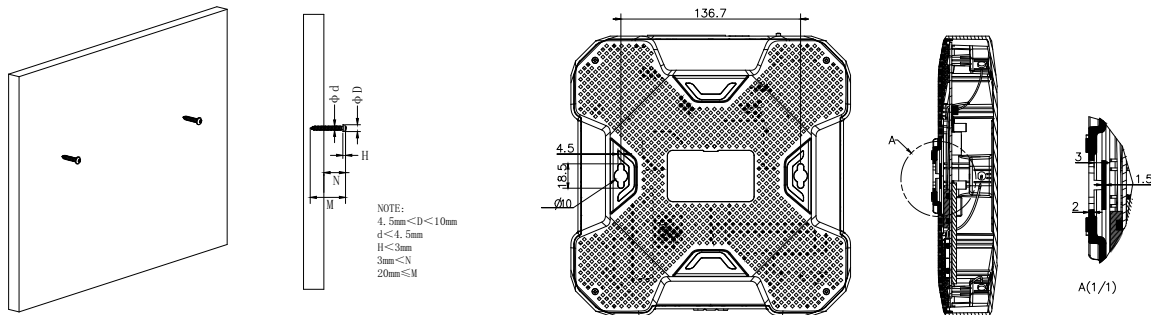
This chapter contains the following sections:

- [Position Your Router](#)
- [Connect Your Router](#)

## 2.1. Position Your Router

- The router should not be located in a place where it will be exposed to moisture or excessive heat.
- Place the router in a location where it can be connected to multiple devices as well as to a power source.
- Make sure the cables and power cord are safely placed out of the way so they do not create a tripping hazard.
- The router can be placed on a shelf or desktop.
- Keep the router away from devices with strong electromagnetic interference, such as Bluetooth devices, cordless phones and microwaves.

Generally, the router is placed on a horizontal surface, such as on a shelf or desktop. The device also can be mounted on the wall as shown in the following figure.

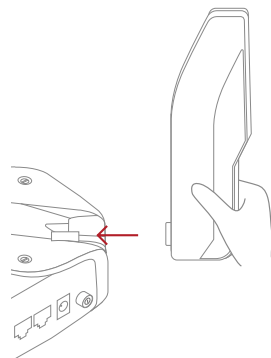


### Note:

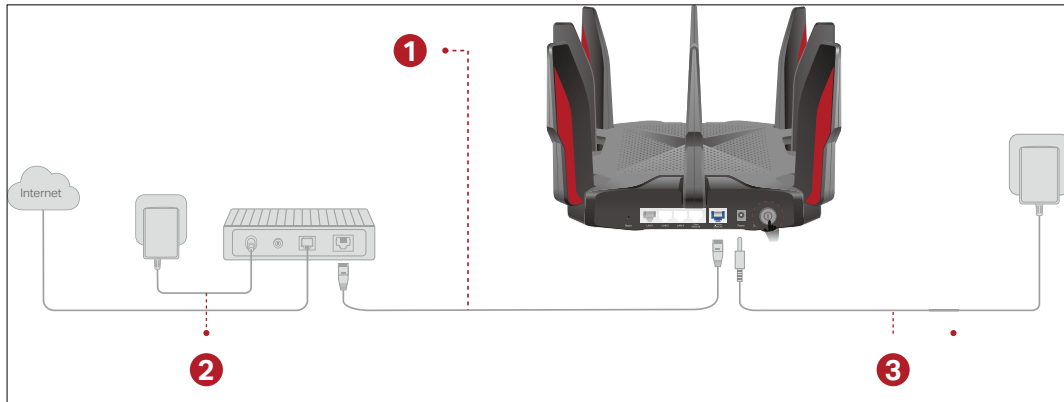
The diameter of the screw,  $4.5\text{mm} < D < 10\text{mm}$ . The distance of two screws is 136.7 mm. The screw that project from the wall need around 3 mm based, and the length of the screw need to be at least 20 mm to withstand the weight of the product.

## 2.2. Connect Your Router

Before you start, please turn off your modem if any, and remove the backup battery if it has one. And hold the antennas from the base as shown below and install them



If your internet connection is through an Ethernet cable directly from the wall instead of through a DSL / Cable / Satellite modem, connect the Ethernet cable to the router's **2.5 Giga WAN** port, and then follow step 3 to complete the hardware connection.



1. Connect the modem to your router's **2.5 Gbps WAN** port with an Ethernet cable.

**Note:**

If you want to use 1 Gbps WAN/LAN port for internet service, connect to it with an Ethernet cable. During the following Quick Setup, select the **1 Gbps** as the Internet port. Or after the network setup, you can go to Tools > Internet Connection > Internet Port (Tether app) or Internet > Internet Port (web management page) to change it.

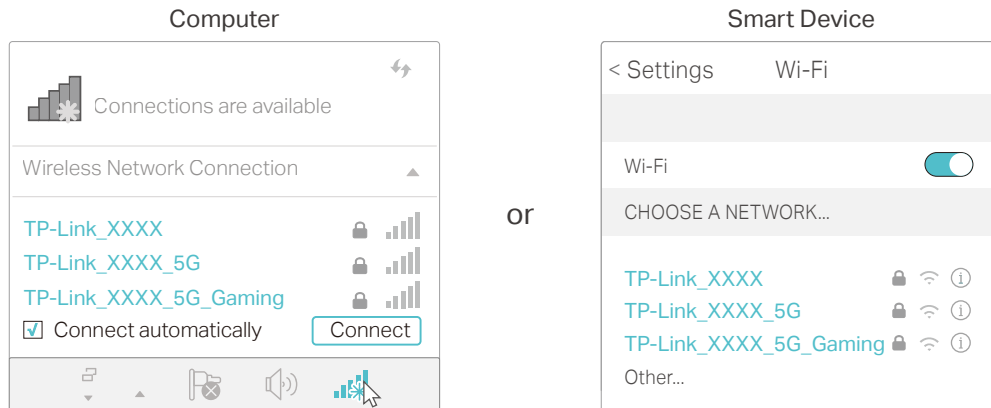
2. Turn on the modem, and then wait about **2 minutes** for it to restart.
3. Connect the power adapter to the router and turn on the router.
4. Verify that the LED on the top is solid on (red or white) before moving on.
5. Connect your computer to the router.

• **Method 1: Wired**

Turn off the Wi-Fi on your computer and connect your computer to the router with an Ethernet cable.

• **Method 2: Wirelessly**

- 1) Find the SSID (Network Name) and Wireless Password printed on the label at the bottom of the router.
- 2) 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.




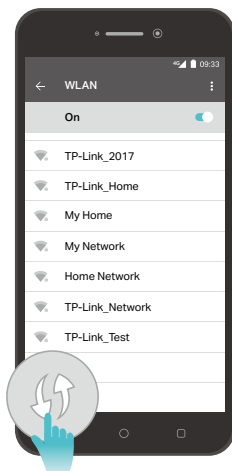
- **Method 3: Use the WPS button**

Wireless devices that support WPS, including Android phones, tablets, and most USB network adapters, can be connected to your router through this method.

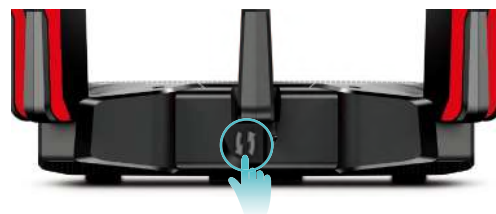
**Note:**

- WPS is not supported by iOS devices.
- The WPS function cannot be configured if the wireless function of the router is disabled. Also, the WPS function will be disabled if your wireless encryption is WEP. Please make sure the wireless function is enabled and is configured with the appropriate encryption before configuring the WPS.

- 1) Tap the WPS icon on the device's screen. Here we take an Android phone for instance.
- 2) Within two minutes, press the  button on your router.



close to



## Chapter 3

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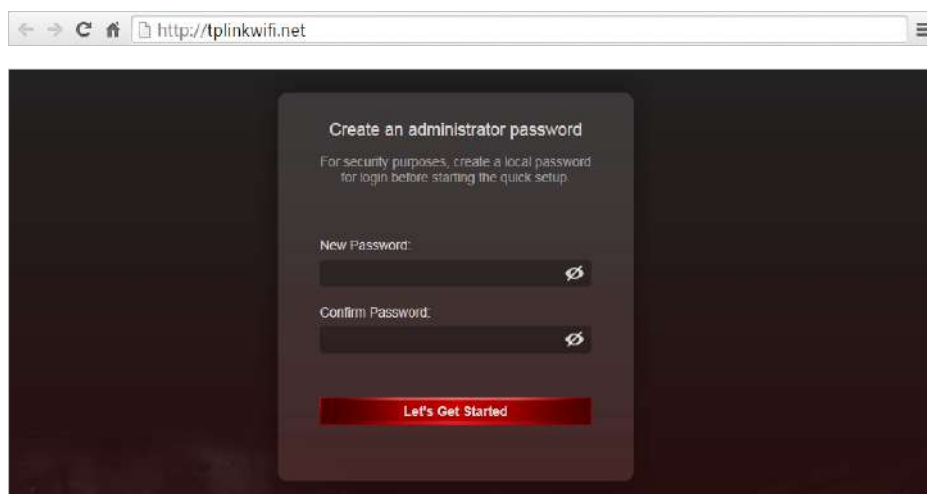
# Log In to Your Router

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With a web-based utility, it is easy to configure and manage the router. The web-based utility can be used on any Windows, Mac OS or UNIX OS with a web browser, such as Microsoft Internet Explorer, Mozilla Firefox or Apple Safari.

Follow the steps below to log in to your router.

1. Set up the TCP/IP Protocol in [Obtain an IP address automatically](#) mode on your computer.
2. Visit <http://tplinkwifi.net>, and create a login password for secure management purposes. Then click [Let's Get Started](#) to log in.



**Note:**

- If the login window does not appear, please refer to the [FAQ](#) Section.



## Chapter 4

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# Set Up Internet Connection

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This chapter introduces how to connect your router to the internet. The router is equipped with a web-based Quick Setup wizard. It has necessary ISP information built in, automates many of the steps and verifies that those steps have been successfully completed. Furthermore, you can also set up an IPv6 connection if your ISP provides IPv6 service.

It contains the following sections:

- [Use Quick Setup Wizard](#)
- [Quick Setup via TP-Link Tether App](#)
- [Manually Set Up Your Internet Connection](#)
- [Set Up the Router as an Access Point](#)
- [Set Up an IPv6 Internet Connection](#)

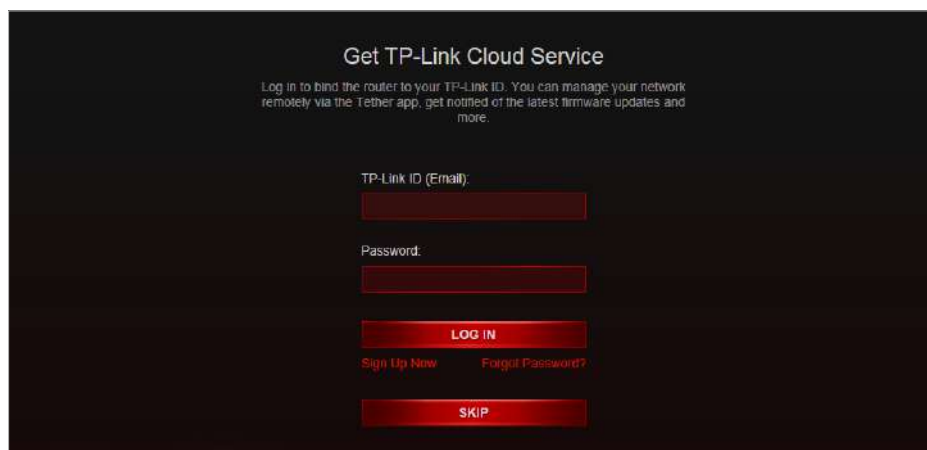
## 4. 1. Use Quick Setup Wizard

The Quick Setup Wizard will guide you to set up your router.

🔗 Tips: If you need the IPv6 internet connection, please refer to the section of [Set Up an IPv6 Internet Connection](#).

Follow the steps below to set up your router.

1. Visit <http://tplinkwifi.net>, and log in with the password you set for the router.
2. Follow the step-by-step instructions to complete Quick Setup configuration or go to [Advanced](#) > [Quick Setup](#) for configuration to connect your router to the internet.
3. To enjoy a more complete service from TP-Link (remote management, TP-Link DDNS, and more), log in with your TP-Link ID or click [Sign Up Now](#) to get one. Then follow the instructions to bind the cloud router to your TP-Link ID.



### Note:

- To learn more about the TP-Link Cloud service, please refer to the [TP-Link Cloud Service](#) section.
- If you do not want to register a TP-Link ID now, you may click [SKIP](#) to proceed.
- If you have changed the preset wireless network name (SSID) and wireless password during the Quick Setup process, all your wireless devices must use the new SSID and password to connect to the router.

## 4. 2. Quick Setup via TP-Link Tether App

Network management is made easy with the TP-Link Tether app, available on any Android and iOS device.

1. Launch the Apple App Store or Google Play store and search “TP-Link Tether” or simply scan the QR code to download and install the app.

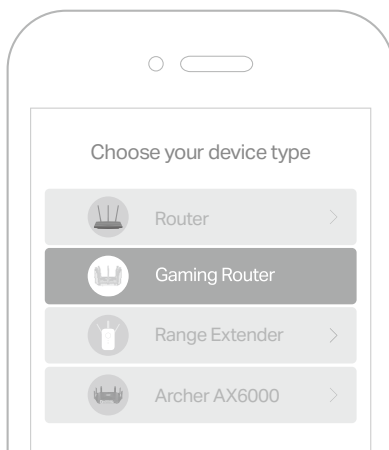


2. Launch the Tether app.

### 3. Log in with your TP-Link ID.

**Note:** If you don't have a TP-Link ID, create one first.

### 4. Tap the + button on the upright corner and then select **Gaming Router** and follow the steps to set up the internet connection.



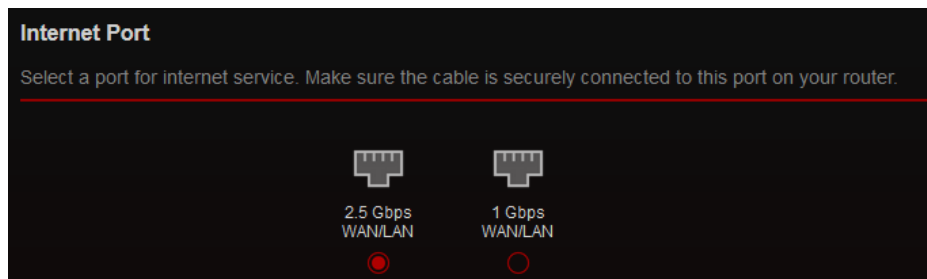
### 5. Follow app instructions to configure your router and enjoy the internet!

## 4.3. Manually Set Up Your Internet Connection

In this part, you can check your current internet connection settings. You can also modify the settings according to the service information provided by your ISP.

Follow the steps below to check or modify your internet connection settings.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Internet**.
3. Select your WAN port. Make sure the cable is securely connected to this port on your router.



### 4. Select your internet connection type from the drop-down list.

**Internet**

Set up an internet connection with the service information provided by your ISP (internet service provider).

---

Internet Connection Type:  ▼

5. Follow the instructions on the page to continue the configuration. Parameters on the figures are just used for demonstration.

- 1) If you choose **Dynamic IP**, you need to select whether to clone the MAC address. Dynamic IP users are usually equipped with a cable TV or fiber cable.

**Internet**

Set up an internet connection with the service information provided by your ISP (internet service provider).

---

Internet Connection Type:  ▼

Select this type if your ISP doesn't provide any information for internet connection.

Set the MAC address of your router. Use the default address unless your ISP allows internet access from only a specific MAC address.

**MAC Clone**

---

Router MAC Address:  ▼

- Use Default MAC Address
- Clone Current Device MAC
- Use Custom MAC Address

- 2) If you choose **Static IP**, enter the information provided by your ISP in the corresponding fields.

**Internet**

Set up an internet connection with the service information provided by your ISP (internet service provider).

---

Internet Connection Type:  ▼

Select this type if your ISP provides specific IP parameters.

IP Address:

Subnet Mask:

Default Gateway:

Primary DNS:

Secondary DNS:  (Optional)

- 3) If you choose **PPPoE**, enter the **Username** and **Password** provided by your ISP. PPPoE users usually have DSL cable modems.



**Internet**

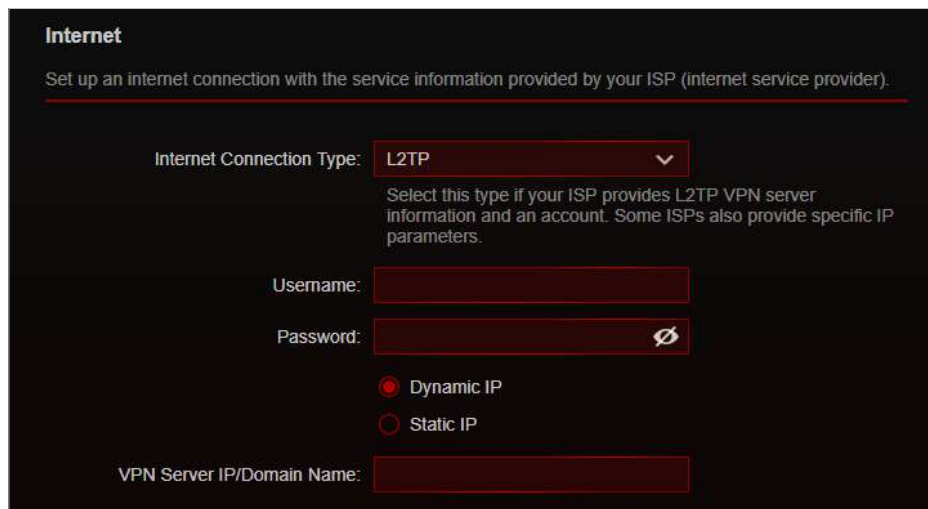
Set up an internet connection with the service information provided by your ISP (internet service provider).

Internet Connection Type: **PPPoE** ▼  
Select this type if your ISP only provides a username and password.

Username:

Password:

- 4) If you choose **L2TP**, enter the **Username** and **Password** and choose the secondary connection (Dynamic IP or Static IP) provided by your ISP. Different parameters are needed according to the secondary connection you have chosen.



**Internet**

Set up an internet connection with the service information provided by your ISP (internet service provider).

Internet Connection Type: **L2TP** ▼  
Select this type if your ISP provides L2TP VPN server information and an account. Some ISPs also provide specific IP parameters.

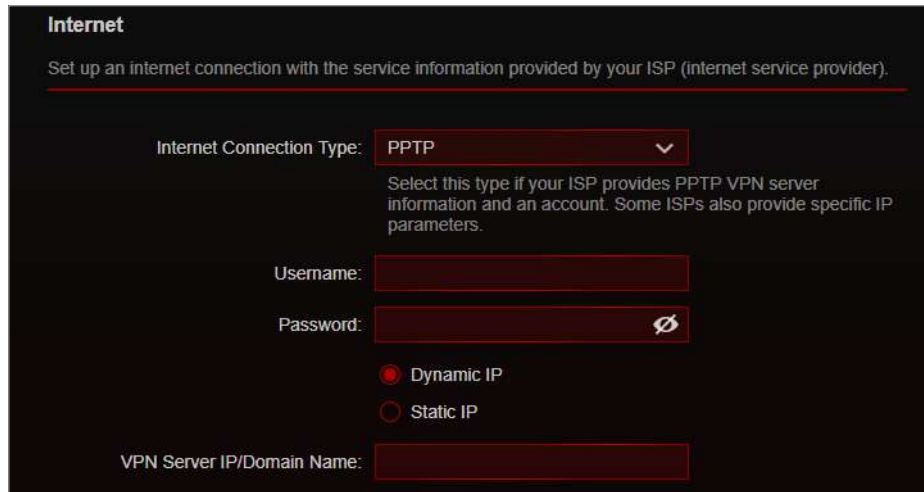
Username:

Password:

Dynamic IP  
 Static IP

VPN Server IP/Domain Name:

- 5) If you choose **PPTP**, enter the **Username** and **Password**, and choose the secondary connection (Dynamic IP or Static IP) provided by your ISP. Different parameters are needed according to the secondary connection you have chosen.



**Internet**

Set up an internet connection with the service information provided by your ISP (internet service provider).

Internet Connection Type: PPTP   
Select this type if your ISP provides PPTP VPN server information and an account. Some ISPs also provide specific IP parameters.

Username:

Password:

Dynamic IP  
 Static IP

VPN Server IP/Domain Name:

6. Click **SAVE**.

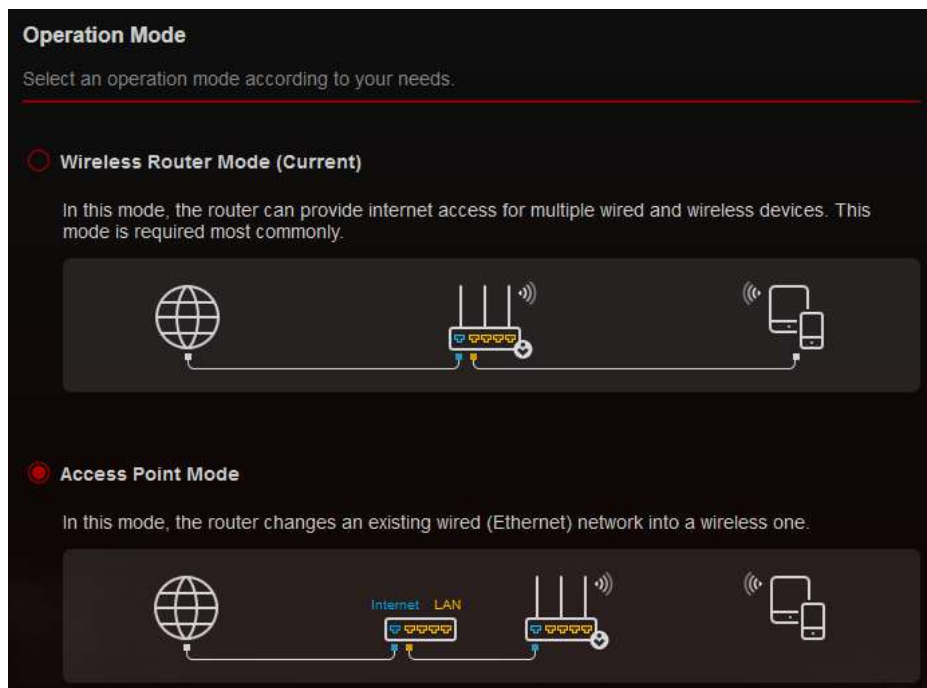
 **Tips:**

- If your internet connection type is **BigPond Cable**, please go to **Advanced > Network > Internet** to set your router.
- If you use **Dynamic IP** and **PPPoE** and you are provided with any other parameters that are not required on the page, please go to **Advanced > Network > Internet** to complete the configuration.
- If you still cannot access the internet, refer to the **FAQ** section for further instructions.

## 4.4. Set Up the Router as an Access Point

The router can work as an access point, transforming your existing wired network to a wireless one.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Advanced > System > Operation Mode**, select **Access Point Mode** and click **SAVE**. The router will reboot and switch to Access Point mode.



3. After rebooting, connect the router to your existing wired router via an Ethernet cable.
4. Connect to the Wi-Fi of the router and log in again to the web management page <http://tplinkwifi.net>, and go to **Advanced** > **Quick Setup**.
5. Configure your wireless settings and click **Next**.
6. Confirm the information and click **SAVE**. Now, you can enjoy Wi-Fi.

🔗 **Tips:** Functions, such as Parental Controls, QoS and NAT Forwarding, are not supported in the Access Point mode.

## 4.5. Set Up an IPv6 Internet Connection

Your ISP provides information about one of the following IPv6 internet connection types: PPPoE, Dynamic IP(SLAAC/DHCPv6), Static IP, 6to4 tunnel, Pass-Through (Bridge).

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Advanced** > **IPv6**.
3. Enable IPv6 and select the internet connection type provided by your ISP.

🔗 **Tips:** If you do not know what your internet connection type is, contact your ISP or judge according to the already known information provided by your ISP.

4. Fill in information as required by different connection types. Red blanks must be filled in.
  - 1) **Static IP:** Fill in blanks and click **SAVE**.

**IPv6 Internet**

Set up an IPv6 internet connection using the information provided by your ISP (internet service provider).

---

IPv6:

Internet Connection Type:

IPv6 Address:

Default Gateway:

Primary DNS:

Secondary DNS:

MTU Size:   
bytes. (The default is 1500, do not change unless necessary.)

- 2) **Dynamic IP (SLAAC/DHCPv6):** Click [Advanced](#) to input further information if your ISP requires. Click [SAVE](#).

**IPv6 Internet**

Set up an IPv6 internet connection using the information provided by your ISP (internet service provider).

---

IPv6:

Internet Connection Type:

IPv6 Address:

Primary DNS:

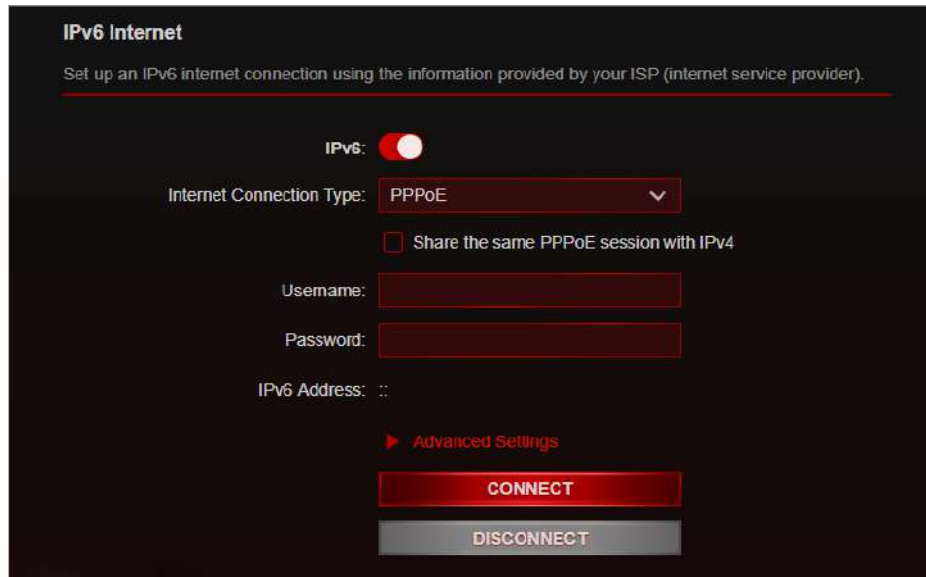
Secondary DNS:

[▶ Advanced Settings](#)

- 3) **PPPoE:** By default, the router uses the IPv4 account to connect to the IPv6 server. Click [Advanced Settings](#) to input further information if your ISP requires. Click [SAVE](#) and then click [CONNECT](#).

**Note:** If your ISP provides two separate accounts for the IPv4 and IPv6 connections, please untick the [PPPoE same session with IPv4 connection](#) checkbox and manually enter the username and password for the IPv6 connection.





**IPv6 Internet**

Set up an IPv6 internet connection using the information provided by your ISP (internet service provider).

IPv6:

Internet Connection Type: PPPoE

Share the same PPPoE session with IPv4

Username:

Password:

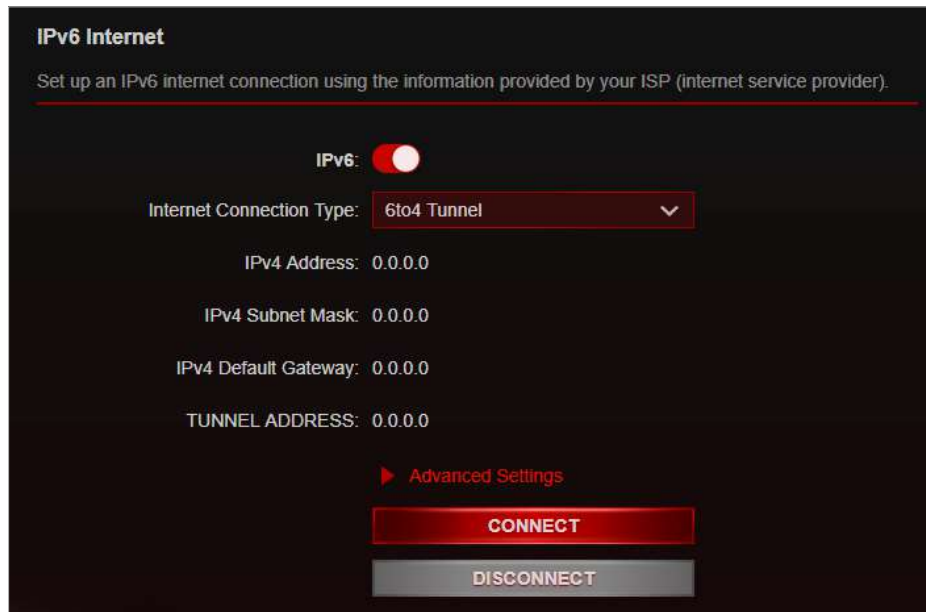
IPv6 Address: ::

[Advanced Settings](#)

**CONNECT**

DISCONNECT

- 4) **6to4 Tunnel:** An IPv4 internet connection type is a prerequisite for this connection type ([Manually Set Up Your Internet Connection](#)). Click **Advanced** to input further information if your ISP requires. Click **SAVE** and then click **CONNECT**.



**IPv6 Internet**

Set up an IPv6 internet connection using the information provided by your ISP (internet service provider).

IPv6:

Internet Connection Type: 6to4 Tunnel

IPv4 Address: 0.0.0.0

IPv4 Subnet Mask: 0.0.0.0

IPv4 Default Gateway: 0.0.0.0

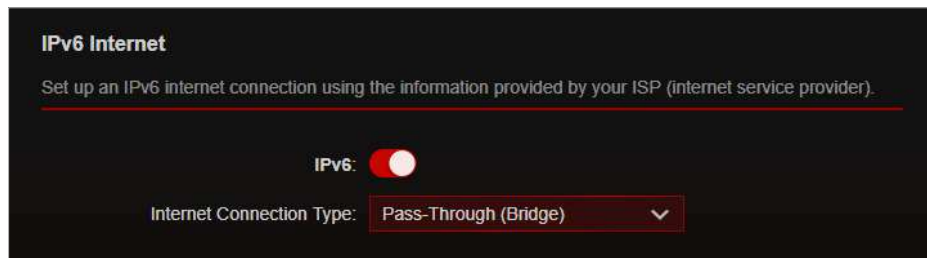
TUNNEL ADDRESS: 0.0.0.0

[Advanced Settings](#)

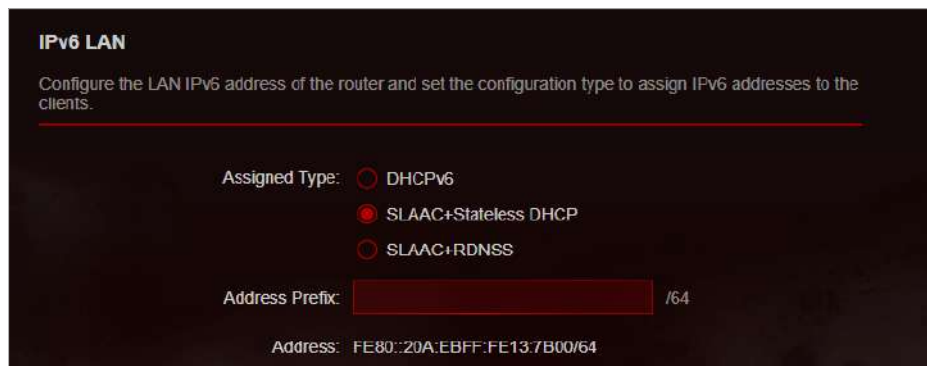
**CONNECT**

DISCONNECT


- 5) **Pass-Through (Bridge):** Click **SAVE** and skip to Step 6.



5. Configure LAN ports. Windows users are recommended to choose from the first two types. Fill in [Address Prefix](#) provided by your ISP, and click [SAVE](#).



6. Click [Status](#) to check whether you have successfully set up an IPv6 connection.

 **Tips:** Visit the [FAQ](#) section if there is no internet connection.

## Chapter 5

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# TP-Link Cloud Service

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TP-Link Cloud service provides a better way to manage your cloud devices. Log in to your router with a TP-Link ID, and you can easily monitor and manage your home network when you are out and about via the Tether app. To ensure that your router stays new and gets better over time, the TP-Link Cloud will notify you when an important firmware upgrade is available. Surely you can also manage multiple TP-Link Cloud devices with a single TP-Link ID.

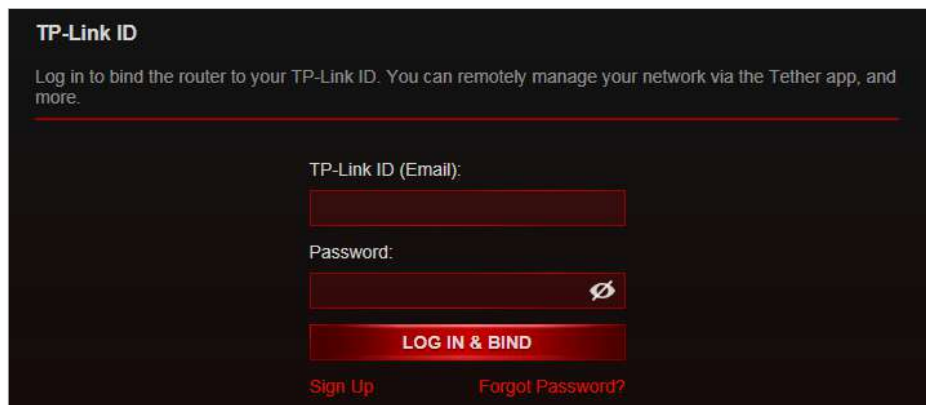
It contains the following sections:

- [Register a TP-Link ID](#)
- [Change Your TP-Link ID Information](#)
- [Manage the User TP-Link IDs](#)
- [Manage the Router via the TP-Link Tether App](#)

## 5.1. Register a TP-Link ID

If you have skipped the registration during the Quick Setup process, you can:

1. Visit <http://tplinkwifi.net>, and log in with the password you set for the router.
2. Go to [Advanced](#) > [TP-Link ID](#) or click [TP-Link ID](#) on the very top of the page.
3. Click [Sign Up](#) and follow the instructions to register a TP-Link ID.



4. After activating your TP-Link ID, come back to the TP-Link ID page to log in.

**Note:**


- To learn more about the [Admin](#) and [User](#) TP-Link ID, refer to [Manage the User TP-Link IDs](#).
- Once you have registered a TP-Link ID on the web management page, you can only register another TP-Link ID via the Tether APP. Please refer to [Manage the Router via the TP-Link Tether App](#) to install the app.
- If you want to unbind the admin TP-Link ID from your router, please go to [Advanced](#) > [TP-Link ID](#), and click [Unbind](#) in the [Device Information](#) section.

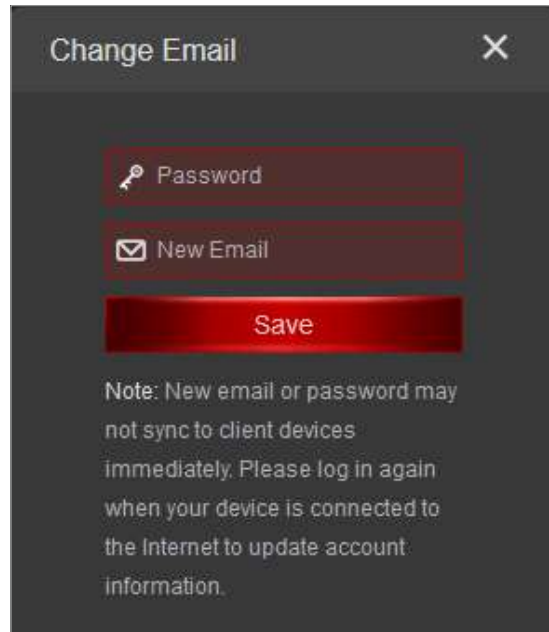
## 5.2. Change Your TP-Link ID Information

Follow the steps below to change your email address and password of your TP-Link ID as needed.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID.
2. Go to [Advanced](#) > [TP-Link ID](#), and focus on the [Account Information](#) section.


- **To change your email address:**

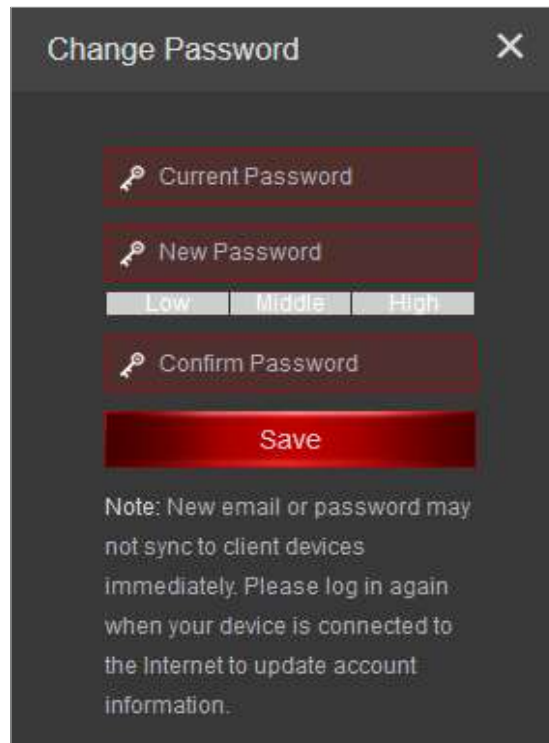
1. Click  behind the Email.
2. Enter the password of your TP-Link ID, then a new email address. And click [Save](#).



The image shows a 'Change Email' dialog box with a dark background and a red 'Save' button. It contains two input fields: 'Password' with a key icon and 'New Email' with an envelope icon. Below the fields is a red 'Save' button. A note at the bottom states: 'Note: New email or password may not sync to client devices immediately. Please log in again when your device is connected to the Internet to update account information.'

- **To change your password:**

1. Click  behind the Password.
2. Enter the current password, then a new password twice. And click [Save](#).



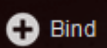
The image shows a 'Change Password' dialog box with a dark background and a red 'Save' button. It contains three input fields: 'Current Password', 'New Password', and 'Confirm Password', each with a key icon. Below the 'New Password' field is a strength indicator with three buttons: 'Low', 'Middle', and 'High'. Below the fields is a red 'Save' button. A note at the bottom states: 'Note: New email or password may not sync to client devices immediately. Please log in again when your device is connected to the Internet to update account information.'

## 5.3. Manage the User TP-Link IDs

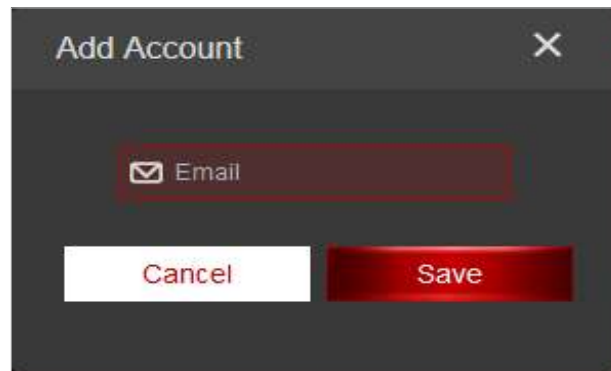
The TP-Link ID used to log in to the router for the first time will be automatically bound as the **Admin** account. An admin account can add or remove other TP-Link IDs to or from the same router as **Users**. All accounts can monitor and manage the router locally or remotely, but user accounts cannot:

- Reset the router to its factory default settings either on the web management page or in the Tether app.
- Add/remove other TP-Link IDs to/from the router.

### 5.3.1. Add TP-Link ID to Manage the Router

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID.
2. Go to **Advanced** > **TP-Link ID**, and focus on the **Bound Accounts** section.
3. Click  **Bind**, enter another TP-Link ID as needed and click **Save**.

**Note:** If you need another TP-Link ID, please register a new one via the Tether app. Refer to [Manage the Router via the TP-Link Tether App](#) to install the app and register a new TP-Link ID.



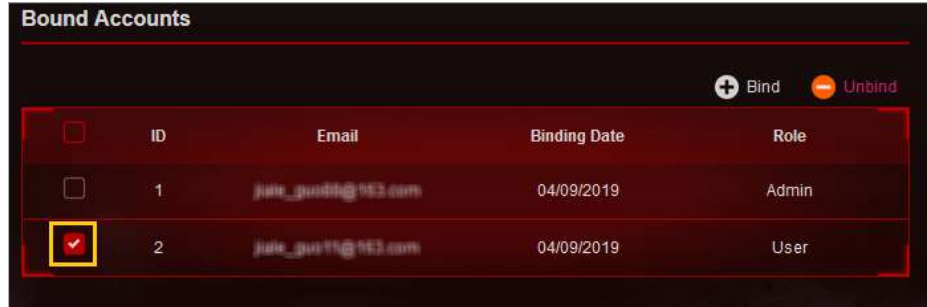
4. The new TP-Link ID will be displayed in the Bound Accounts table as a **User**.

Bound Accounts				
	ID	Email	Binding Date	Role
<input type="checkbox"/>	1	jule_guo1@163.com	04/09/2019	Admin
<input type="checkbox"/>	2	jule_guo11@163.com	04/09/2019	User

### 5.3.2. Remove TP-Link ID(s) from Managing the Router

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID.
2. Go to **Advanced** > **TP-Link ID**, and focus on the **Bound Accounts** section.

3. Tick the checkbox(es) of the TP-Link ID(s) you want to remove and click [Unbind](#).



## 5.4. Manage the Router via the TP-Link Tether App

The Tether app runs on iOS and Android devices, such as smartphones and tablets.

1. Launch the Apple App Store or Google Play store and search “TP-Link Tether” or simply scan the QR code to download and install the app.



2. Launch the Tether app.

3. Log in with your TP-Link ID.

**Note:** If you don't have a TP-Link ID, create one first.

4. Connect your device to the router's wireless network.

5. Select the model of your router and manage your router as needed.

**Note:** If you need to remotely access your router from your smart devices, you need to:

- Make sure your TP-Link ID is bound to the router.
- Make sure your smartphone or tablet can access the internet with cellular data or a Wi-Fi network.

## Chapter 6

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# Guest Network

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This function allows you to provide Wi-Fi access for guests without disclosing your main network. When you have guests in your house, apartment, or workplace, you can create a guest network for them. In addition, you can customize guest network options to ensure network security and privacy.

It contains the following sections:

- [Create a Network for Guests](#)
- [Customize Guest Network Options](#)



## 6.1. Create a Network for Guests


1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to [Advanced](#) > [Wireless](#) > [Guest Network](#) or click [Wireless](#) on the top page and locate the [Guest Network](#) section.
3. Create a guest network as needed.
  - 1) Tick the [Enable](#) checkbox for the 2.4GHz/5GHz-1/5GH-2 wireless network.
  - 2) Customize the SSID. Don't select [Hide SSID](#) unless you want your guests to manually input the SSID for guest network access.
  - 3) Set [Security](#) and customize your own password.

**Guest Network**

Enable the wireless bands you want your guests to use and complete the related information.

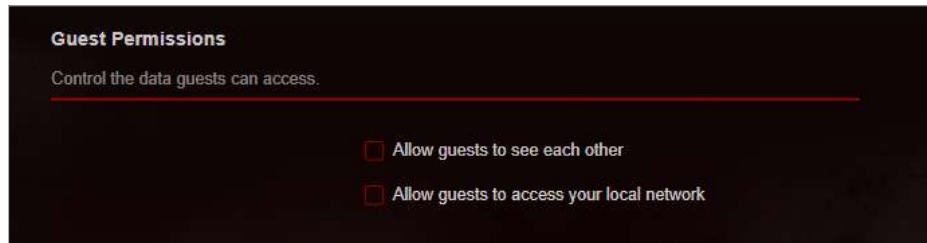
2.4GHz:	<input checked="" type="checkbox"/> Enable	Sharing Network
Network Name (SSID):	<input type="text" value="TP-Link_Guest_7B00"/>	<input type="checkbox"/> Hide SSID
5GHz-1:	<input checked="" type="checkbox"/> Enable	Sharing Network
Network Name (SSID):	<input type="text" value="TP-Link_Guest_7B00_5G_1"/>	<input type="checkbox"/> Hide SSID
5GHz-2:	<input checked="" type="checkbox"/> Enable	Sharing Network
Network Name (SSID):	<input type="text" value="TP-Link_Guest_7B00_5G_2"/>	<input type="checkbox"/> Hide SSID
Security:	<input type="text" value="WPAWPA2-Personal"/>	
Password:	<input type="text"/>	

4. Click [SAVE](#). Now your guests can access your guest network using the SSID and password you set!

 **Tips:** To view guest network information, go to [Network Map](#), click the product picture and locate the [Guest Network](#) section. You can turn on or off the guest network function, or click [Edit](#) to transfer to the Guest Network page for more settings.

## 6.2. Customize Guest Network Options

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to [Advanced](#) > [Wireless](#) > [Guest Network](#). Locate the [Guest Permissions](#) section.
3. Customize guest network options according to your needs.



- [Allow guests to see each other](#)

Tick this checkbox if you want to allow the wireless clients on your guest network to communicate with each other via methods such as network neighbors and Ping.

- [Allow guests to access local network](#)

Tick this checkbox if you want to allow the wireless clients on your guest network to communicate with the devices connected to your router's LAN ports or main network via methods such as network neighbors and Ping.

4. Click [SAVE](#). Now you can ensure network security and privacy!

## Chapter 7

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# USB Settings

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This chapter describes how to use the USB ports to share files and media from the USB storage devices over your home network locally, or remotely through the internet.

The router supports USB external flash drives and hard drives.

It contains the following sections:

- [Access the USB Storage Device](#)
- [Media Sharing](#)
- [Time Machine](#)

## 7.1. Access the USB Storage Device

Insert your USB storage device into the router's USB port and then access files stored there locally or remotely.


 **Tips:**

- If you use USB hubs, make sure no more than 4 devices are connected to the router.
- If the USB storage device requires using bundled external power, make sure the external power has been connected.
- If you use a USB hard drive, make sure its file system is FAT32, exFat, NTFS or HFS+.
- Before you physically disconnect a USB device from the router, safely remove it to avoid data damage: Go to [Advanced](#) > [USB](#) > [USB Storage Device](#) > [Device Settings](#) and click [Remove](#).

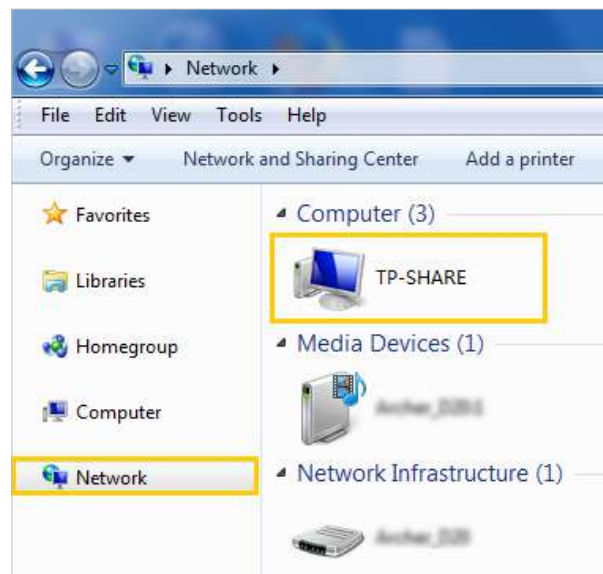
### 7.1.1. Access the USB Device Locally

Insert your USB storage device into the router's USB port and then refer to the following table to access files stored on your USB storage device.

Go to [Computer](#) > [Network](#), then click the Network Server Name ([TP-SHARE](#) by default) in the [Computer](#) section.

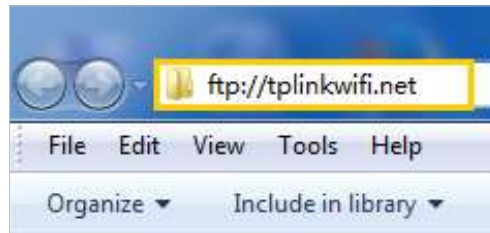
 **Note:** Operations in different systems are similar. Here we take Windows 7 as an example.

Windows  
computer



Windows  
computer

Open the [Windows Explorer](#) (or go to [Computer](#)) and type the server address `\\tplinkwifi.net` or `ftp://tplinkwifi.net` in the address bar, then press [Enter](#).



## Mac

- 1) Select [Go > Connect to Server](#).
- 2) Type the server address `smb://tplinkwifi.net`.
- 3) Click [Connect](#).



- 4) When prompted, select the [Guest](#) radio box. (If you have set up a username and a password to deny anonymous access to the USB disks, you should select the [Registered User](#) radio box. To learn how to set up an account for the access, refer to [To set up authentication for data security](#).)

## Tablet

Use a third-party app for network files management.

[Tips](#): You can also access your USB disk by using your Network/Media Server Name as the server address. Refer to [To customize the address of the USB disk](#) to learn more.

### 7.1.2. Access the USB Device Remotely

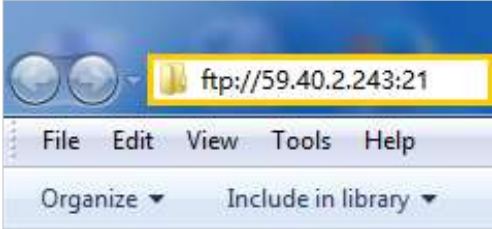
You can access your USB disk outside the local area network. For example, you can:

- Share photos and other large files with your friends without logging in to (and paying for) a photo-sharing site or email system.
- Get a safe backup for the materials for a presentation.
- Remove the files on your camera's memory card from time to time during the journey.

**Note:** If your ISP assigns a private WAN IP address (such as 192.168.x.x or 10.x.x.x), you cannot use this feature because private addresses are not routed on the Internet.

Follow the steps below to configure remote access settings.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Advanced > USB > USB Storage Device**.
3. Tick the **Internet FTP** checkbox, and then click **SAVE**.
4. Refer to the following table to access your USB disk remotely.

<b>Computer</b>	<ol style="list-style-type: none"> <li>1) Open the <a href="#">Windows Explorer</a> (or go to <a href="#">Computer</a>, only for Windows users) or open a web browser.</li> <li>2) Type the server address in the address bar: Type in <code>ftp://&lt;WAN IP address of the router&gt;:&lt;port number&gt;</code> (such as <code>ftp://59.40.2.243:21</code>). If you have specified the domain name of the router, you can also type in <code>ftp://&lt;domain name&gt;:&lt;port number&gt;</code> (such as <code>ftp://MyDomainName:21</code>)</li> </ol>  <ol style="list-style-type: none"> <li>3) Press <a href="#">Enter</a> on the keyboard.</li> <li>4) Access with the username and password you set in <a href="#">To set up authentication for data security</a>.</li> </ol> <p><b>Tips:</b> You can also access the USB disk via a third-party app for network files management, which can resume broken file transfers.</p>
<b>Tablet</b>	Use a third-party app for network files management.

**Tips:** Click [Set Up a Dynamic DNS Service Account](#) to learn how to set up a domain name for you router.

### 7.1.3. Customize the Access Settings

By default, all the network clients can access all folders on your USB disk. You can customize your sharing settings by setting a sharing account, sharing specific contents and setting a new sharing address on the router's web management page.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to [Advanced](#) > [USB](#) > [USB Storage Device](#).

- **To customize the address of the USB disk:**

You can customize the server name and use the name to access your USB disk.

1. In the [Access Method](#) section, make sure [Samba for Windows](#) is ticked, and enter a [Network/Media Server Name](#) as you like, such as [MyShare](#), then click [SAVE](#).

**Access Method**

Select the method for accessing your USB storage device. The device can then be reached via the access address.

Network/Media Server Name:

Enable	Access Method	Address	Port
<input checked="" type="checkbox"/>	Samba for Windows	\\MyShare	—
<input checked="" type="checkbox"/>	Local FTP	ftp://192.168.1.1:21	21
<input type="checkbox"/>	Internet FTP	ftp://10.0.3.13:21 <a href="#">Set DDNS</a>	<input type="text" value="21"/>

2. Now you can access the USB disk by visiting [\\MyShare](#) (for Windows) or [smb://MyShare](#) (for Mac).


- **To only share specific content:**

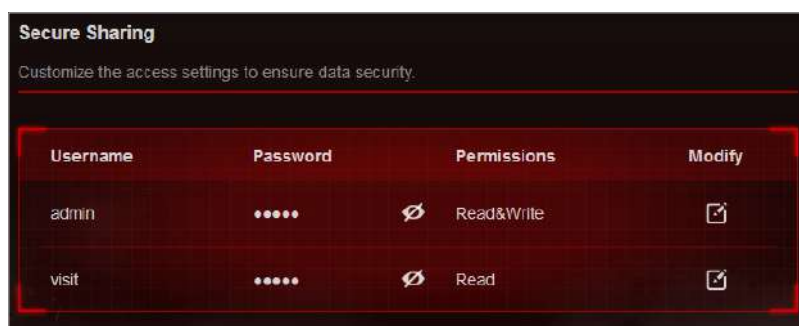
Focus on the [File Sharing](#) section and specify sharing folders and click [SAVE](#).



- **To set up authentication for data security:**

You can set up authentication for your USB device so that network clients will be required to enter username and password when accessing the USB disk.

In the [File Sharing](#) section, enable [Secure Sharing](#). The default accounts are admin and visit. Click  to customize the username and a password.



**Note:** For Windows users, do not set the sharing username the same as the Windows username. Otherwise, Windows credential mechanism may cause the following problems:

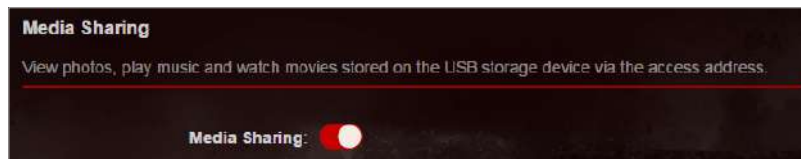
- If the sharing password is also the same as the Windows password, authentication will not work since the Windows will automatically use its account information for USB access.
- If the sharing password is different from the Windows password, the Windows will be unable to remember your credentials and you will always be required to enter the sharing password for USB access.
- Due to Windows credential mechanism, you might be unable to access the USB disk after changing Authentication settings. Please log out from the Windows and try to access again. Or you can change the address of the USB disk by referring to [To customize the address of the USB disk:](#)

## 7.2. Media Sharing

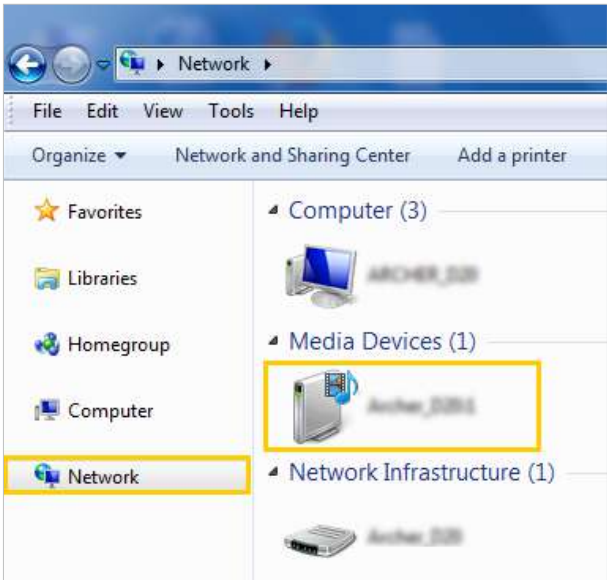
The feature of [Media Sharing](#) allows you to view photos, play music and watch movies stored on the USB disk directly from DLNA-supported devices, such as your computer, tablet and PS2/3/4.

1. When your USB disk is inserted into the router, your DLNA-supported devices (such as your computer and pad) connected to the router can detect and play the media files on the USB disks.
2. Enable [Media Sharing](#).





3. Refer to the following table for detailed instructions.

Windows Computer	<ul style="list-style-type: none"> <li>• Go to <b>Computer</b> &gt; <b>Network</b>, then click the Media Server Name (<b>Model number-share</b> by default) in the <b>Media Devices</b> section.</li> </ul> <p>■ Note: Here we take Windows 7 as an example.</p> 
Tablet	<ul style="list-style-type: none"> <li>• Use a third-party DLNA-supported player.</li> </ul>

## 7.3. Time Machine

Time Machine backs up all files on your Mac computer to a USB storage device connected to your router.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Advanced** > **USB** > **Time Machine**.



3. Tick the checkbox to enable [Time Machine](#).
  4. Click [SELECT](#) to select a location for Time Machine backups.
  5. Set the [Storage Limit for Backups](#).
- ⓘ Note: 0 means no limit for the space.
6. Click [SAVE](#).