



User Guide

AC1900 MU-MIMO Wi-Fi Router
Archer C86

Contents

About This Guide	1
Chapter 1. Get to Know About Your Router	3
1. 1. Product Overview.....	4
1. 2. Appearance	4
1. 2. 1.Top Panel	4
1. 2. 2.Back Panel	6
Chapter 2. Connect the Hardware	7
2. 1. Position Your Router	8
2. 2. Connect Your Router.....	8
Chapter 3. Log In to Your Router.....	11
Chapter 4. Set Up Internet Connection	13
4. 1. Use Quick Setup Wizard	14
4. 2. Quick Setup Via TP-Link Tether App.....	15
4. 3. Manually Set Up Your Internet Connection	15
4. 4. Set Up the Router as an Access Point	18
4. 5. Set Up an IPv6 Internet Connection	18
Chapter 5. TP-Link Cloud Service	21
5. 1. Register a TP-Link ID.....	22
5. 2. Change Your TP-Link ID Information.....	22
5. 3. Manage the User TP-Link IDs	23
5. 3. 1.Add TP-Link ID to Manage the Router.....	24
5. 3. 2.Remove TP-Link ID(s) from Managing the Router.....	24
5. 4. Manage the Router via the TP-Link Tether App	25
Chapter 6. OneMesh with Seamless Roaming	26
6. 1. Set Up a OneMesh Network.....	27
6. 2. Manage Devices in the OneMesh Network	29
Chapter 7. Guest Network.....	31
7. 1. Create a Network for Guests	32
7. 2. Customize Guest Network Options.....	33
Chapter 8. Parental Controls	34

8. 1. Setting Up Access Restrictions	35
Chapter 9. QoS.....	38
Chapter 10.Network Security	40
10. 1. Protect the Network from Cyber Attacks	41
10. 2. Access Control	41
10. 3. IP & MAC Binding	43
10. 4. ALG (Application Layer Gateway).....	45
Chapter 11.NAT Forwarding.....	46
11. 1. Share Local Resources on the Internet by Port Forwarding	47
11. 2. Open Ports Dynamically by Port Triggering.....	49
11. 3. Make Xbox Online Games Run Smoothly by UPnP	50
11. 4. Make Applications Free from Port Restriction by DMZ	51
Chapter 12.Customize Your Network Settings.....	53
12. 1. Change the LAN Settings	54
12. 2. Configure to Support IPTV Service.....	54
12. 3. Specify DHCP Server Settings	55
12. 4. Set Up a Dynamic DNS Service Account	56
12. 5. Create Static Routes.....	58
12. 6. Specify Wireless Settings.....	60
12. 7. Schedule Your Wireless Function	62
12. 8. Use WPS for Wireless Connection	62
12. 8. 1.Connect via the Client's PIN.....	63
12. 8. 2.Connect via the Router's PIN	63
12. 8. 3.Push the WPS Button	63
12. 9. Advanced Wireless Settings	64
Chapter 13.Manage the Router	66
13. 1. Upgrade the Firmware	67
13. 1. 1.Online Upgrade	67
13. 1. 2.Local Upgrade	67
13. 2. Backup and Restore Configuration Settings.....	68
13. 3. Change the Login Password	69
13. 4. Local Management	70
13. 5. Remote Management.....	71
13. 6. View System Log	72
13. 7. Test the Network Connectivity	73
13. 8. Set Up System Time & Language	74

13. 9. Set the Router to Reboot Regularly..... 76

13. 10. Control the LED..... 77

FAQ..... 79

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.

When using this guide, please note that features available of the router may vary by model and software version. Router's 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 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, Advanced > Wireless > MAC Filtering means the MAC Filtering function page is under the Wireless menu that is located in the Advanced tab.
 Note:	Ignoring this type of note might result in a malfunction or damage to the device.
 Tips:	Indicates important information that helps you make better use of your device.
Symbols on the web page	 Click to edit the corresponding entry.  Click to delete the corresponding entry.  Click to enable or disable the corresponding entry.  Click to view more information about items on the page.

*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, including building materials, obstacles, volume and density of traffic, and client location.

*Use of MU-MIMO requires clients to also support MU-MIMO.

More Info

- The latest software, management app and utility can be found at [Download Center](#) at <https://www.tp-link.com/support>.
- 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>.
- A TP-Link Community is provided for you to discuss our products at <https://community.tp-link.com>.
- Our Technical Support contact information can be found at the [Contact Technical 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 chapter contains the following sections:

- [Product Overview](#)
- [Appearance](#)

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.

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. Appearance

1.2.1. Top Panel



The router's LEDs (view from left to right) are located on the front. You can check the router's working status by following the LED Explanation table.

LED Explanation

• Router Mode

LED	Status	Indication
 (Power)	On	The system has started up successfully.
	Flashing slowly	The system is starting up or the firmware is being upgraded. Do not disconnect or power off your router.
	Flashing quickly	WPS connection is in progress.
	Off	Power is off.
 (2.4GHz Wireless)	On	The 2.4GHz wireless band is enabled.
	Off	The 2.4GHz wireless band is disabled.
 (5GHz Wireless)	On	The 5GHz wireless band is enabled.
	Off	The 5GHz wireless band is disabled.
 (LAN)	On	At least one powered-on device is connected to the router's LAN port.
	Off	No powered-on device is connected to the router's LAN port.
 (Internet)	Green On	Internet service is available.
	Orange On	The router's Internet port is connected, but the internet service is not available.
	Off	The router's Internet port is unplugged.

• Access Point Mode

LED	Status	Indication
 (Power)	On	The system has started up successfully.
	Flashing	The system is starting up or the firmware is being upgraded. Do not disconnect or power off your router.
	Off	Power is off.
 (2.4GHz Wireless)	On	The 2.4GHz wireless band is enabled.
	Off	The 2.4GHz wireless band is disabled.
 (5GHz Wireless)	On	The 5GHz wireless band is enabled.
	Off	The 5GHz wireless band is disabled.
 (LAN)	On	At least one powered-on device is connected to the router's LAN port.
	Off	No powered-on device is connected to the router's LAN port.

 (Internet)	Green On	Internet service is available.
	Off	The router's Internet port is unplugged.

1. 2. 2. Back Panel



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

Button and Port Explanation

Item	Description
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.
WAN Port	For connecting to a DSL/Cable modem, or an Ethernet jack.
LAN Ports (1/2/3/4)	For connecting your PC or other wired devices to the router.
WPS/Wi-Fi Button	Press the button for 1 second, and immediately press the WPS button on your client to start the WPS process.
	Press and hold the button for 5 seconds to turn on or off the wireless function of your router.
Reset Button	Press and hold the button until all LEDs turn on to reset the router to its factory default settings.
Antennas	Used for wireless operation and data transmit. Upright them for the best Wi-Fi performance.

Chapter 2

Connect the Hardware

This chapter contains the following sections:

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

2.1. Position Your Router

- The product 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.

2.2. Connect Your Router

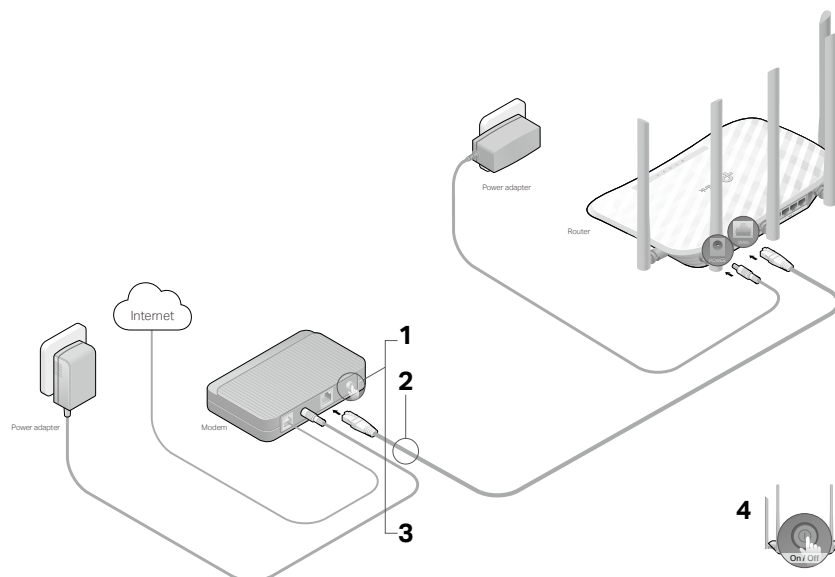
Before you start, turn off your modem, if any, and remove the backup battery if it has one. Then place the router horizontally and orient the antennas vertically.

■ **Note:** If you already have a router and want to configure this new router as an access point to extend your network, refer to [Set Up the Router as an Access Point](#).

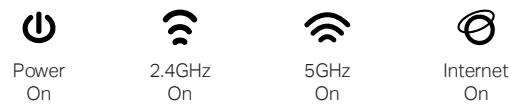
Follow the steps below to connect your router.

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 WAN port, and then follow steps 4 and 5 to complete the hardware connection.

1. Turn off the modem, and remove the backup battery if it has one.
2. Connect the modem to the router's **WAN port** with an Ethernet cable.
3. Turn on the modem, and then wait about **2 minutes** for it to restart.



4. Connect the power adapter to the router and turn on the router.
5. Verify that the following LEDs are on and solid to confirm the hardware is connected.



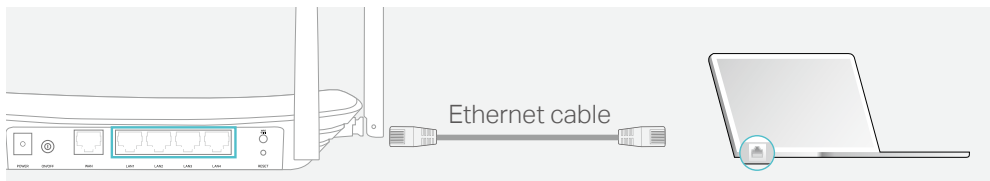
Note:

Note: If the 2.4GHz LED and 5GHz LED are off, press and hold the WPS/Wi-Fi button on the back for more than 5 seconds, then release the button. Both the LEDs should turn solid on.

6. Connect your computer to the router.

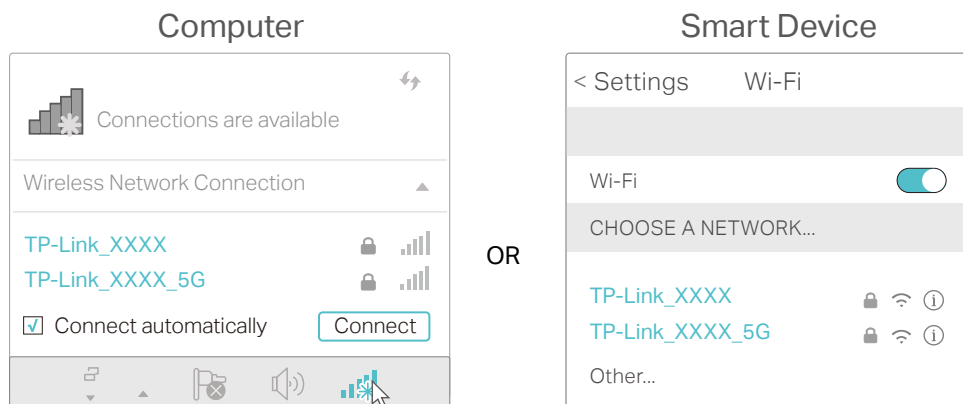
• **Method 1: Wired**

Turn off the Wi-Fi on your computer and connect your computer to the router's LAN port as shown below.



• **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**

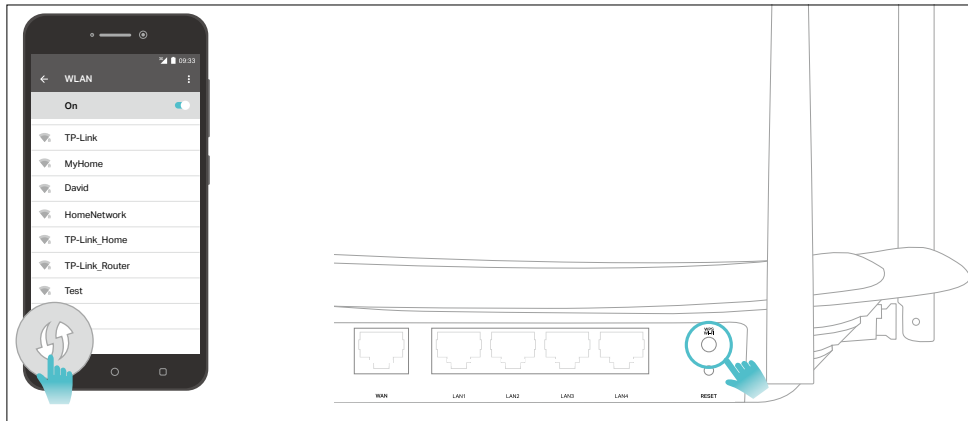
Wireless devices that support WPS, including Android phones, tablets, and most USB network cards, can be connected to your router through this method.

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



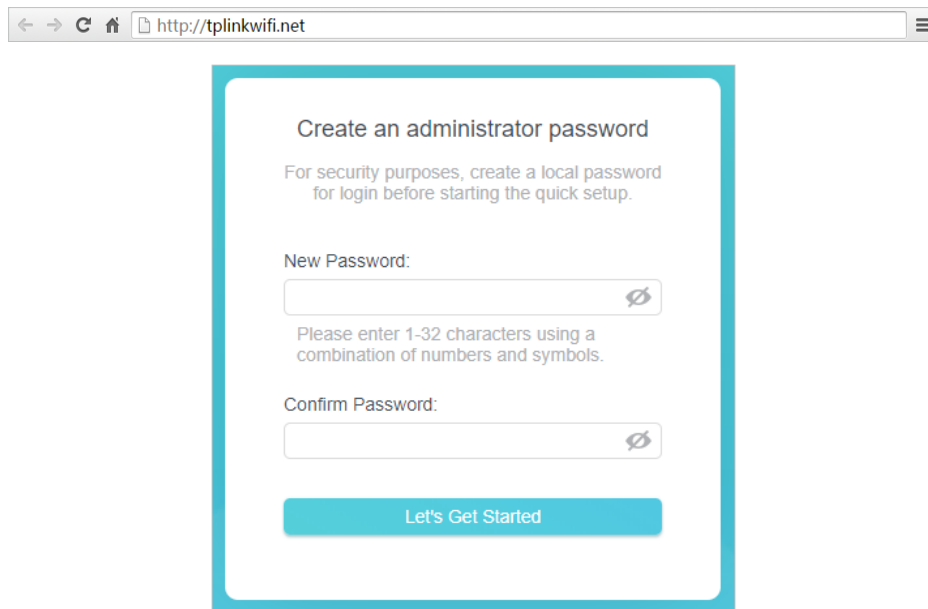
Chapter 3

Log In to Your Router

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.

A screenshot of a web browser window showing the TP-Link login page. The browser's address bar displays 'http://tplinkwifi.net'. The page content is centered and features a light blue border. At the top, it says 'Create an administrator password'. Below this, a message states: 'For security purposes, create a local password for login before starting the quick setup.' There are two input fields: 'New Password:' and 'Confirm Password:'. Each field has a small eye icon to its right for toggling visibility. A note between the fields says 'Please enter 1-32 characters using a combination of numbers and symbols.' At the bottom of the form is a blue button labeled 'Let's Get Started'.

Note:

- If the login window does not appear, please refer to the [FAQ](#) Section.
- If you have registered a TP-Link ID and bound your cloud router to it, the login password you created here will be invalid. Please log in to the cloud router using your TP-Link ID.

Chapter 4

Set Up Internet Connection

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

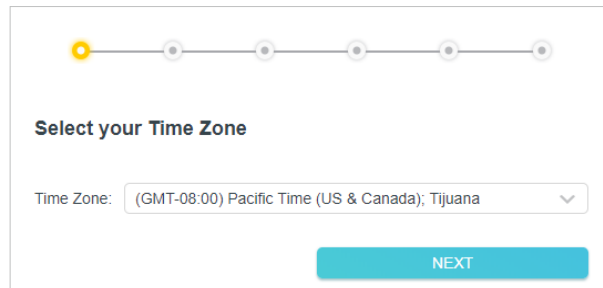
The Quick Setup Wizard will guide you to set up your router.

🔗 **Tips:**

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

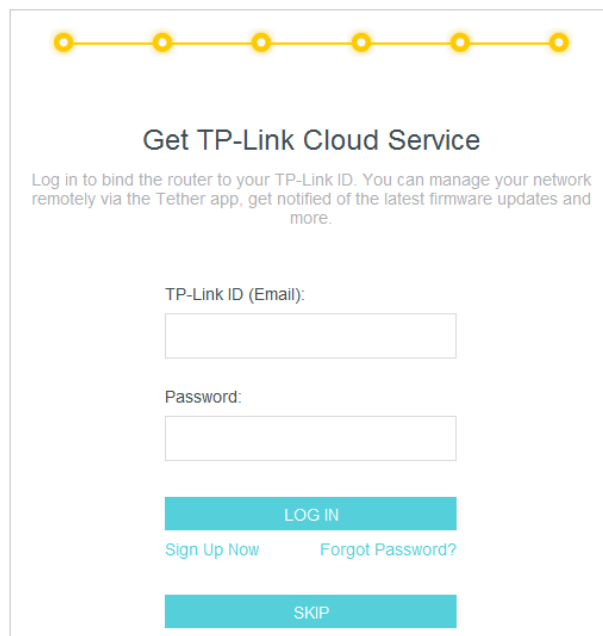
Follow the steps below to set up your router.

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. Then follow the step-by-step instructions to connect your router to the internet.



The screenshot shows a progress bar at the top with six steps; the first step is highlighted with a yellow dot. Below the progress bar, the text "Select your Time Zone" is displayed. Underneath, there is a label "Time Zone:" followed by a dropdown menu showing "(GMT-08:00) Pacific Time (US & Canada); Tijuana". At the bottom right, there is a blue button labeled "NEXT".

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.



The screenshot shows a progress bar at the top with six steps; the first five steps are highlighted with yellow dots. Below the progress bar, the text "Get TP-Link Cloud Service" is displayed. Underneath, there is a paragraph: "Log in to bind the router to your TP-Link ID. You can manage your network remotely via the Tether app, get notified of the latest firmware updates and more." Below this text, there are two input fields: "TP-Link ID (Email):" and "Password:". At the bottom, there are three buttons: a blue "LOG IN" button, a blue "Sign Up Now" button, and a blue "Forgot Password?" button. At the very bottom, there is a blue button labeled "SKIP".

📌 **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

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. Connect your device to the router’s wireless network.
3. Launch the Tether app, tap the **+** button and select **Router > Wireless Router**. Follow the steps to complete the setup and connect to the internet.
4. Connect your devices to the newly configured wireless networks of the 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 internet connection type from the drop-down list.

A screenshot of the 'Internet' configuration page in the TP-Link Tether app. The page has a title 'Internet' and a subtitle 'Set up an internet connection with the service information provided by your ISP (internet service provider)'. Below this, there is a label 'Internet Connection Type:' followed by a dropdown menu currently set to 'Dynamic IP'. A note below the dropdown states: 'Select this type if your ISP doesn't provide any information for internet connection.'

4. 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: 

98 - da - c4 - b4 - 01 - d9

- 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: 

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](#) 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

Server IP/Domain Name:

- 5) If you choose [PPTP](#), enter the [username](#) and [password](#), and choose the [Secondary Connection](#) 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

Server IP/Domain Name:

5. Click [Save](#).

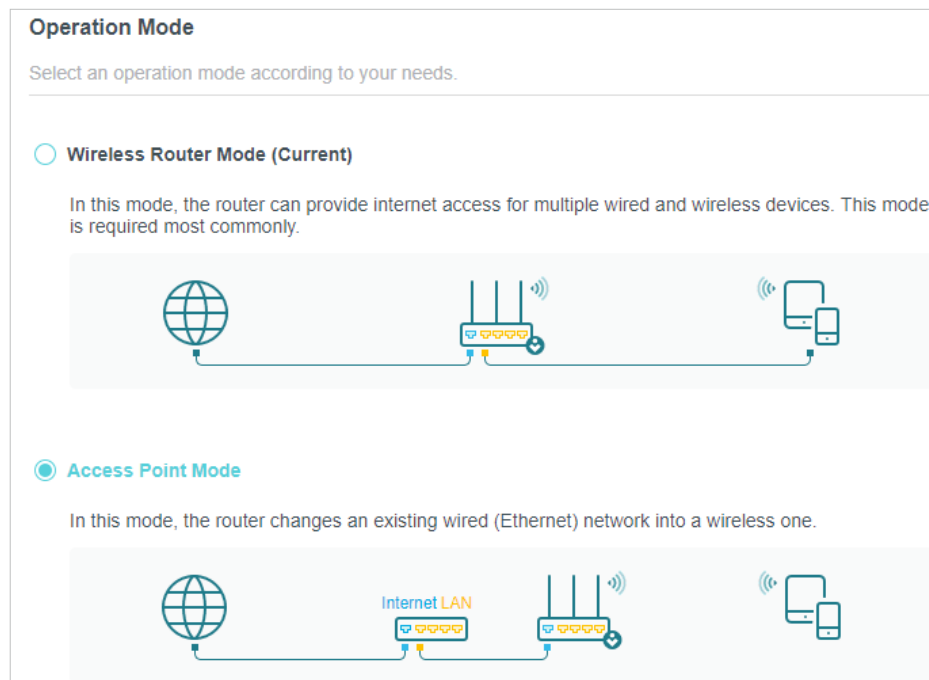
 Tips:

- 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** > **Operation Mode**, select **Access Point** 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. 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.
- Functions, such as Guest Network, are the same as those in the Router mode.

4.5. Set Up an IPv6 Internet Connection

Set up an IPv6 connection if your ISP provides IPv6 service.

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**.

IPv6

Set up an IPv6 connection if your ISP provides IPv6 service.

Mode:

Disable

Disable

Router

Pass-Through (Bridge)

3. Select the mode provided by your ISP to enable IPv6 connection.

Tips:

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

- **Pass-Through (Bridge):**

- 1) Select **Pass-Through (Bridge)** and click **Save**.
- 2) Go to **Network > Status** to check whether you have successfully set up an IPv6 connection.

IPv6

Set up an IPv6 connection if your ISP provides IPv6 service.

Mode:

Pass-Through (Bridge)

Select this type if your ISP uses Pass-Through (Bridge) network deployment.

- **Router:**

- 1) Select **Router** mode.

IPv6

Set up an IPv6 connection if your ISP provides IPv6 service.

Mode:

Router

2) Configure the WAN connection.

WAN

Configure the WAN connection based on your network typology.

WAN Connection Type:

Normal

Get IPv6 Address:

Auto

☐ Manually set DNS server

Link-Local Address:

Global Address:

Gateway:

Primary DNS:

Secondary DNS:

Notes:

1. If you do not know what your internet connection mode is, contact your ISP or judge according to the already known information provided by your ISP.
2. If your ISP provides two separate accounts for the IPv4 and IPv6 connections, manually enter the username and password for the IPv6 connection.

3) Keep the default settings of LAN.

LAN

Configure the LAN IPv6 address of the router.

☒ Enable Prefix Delegation

Link-Local Address:

Prefix:

Connect

Disconnect

4) Click [Connect](#) then click [Save](#) to apply your settings.

5) Go to [Network > 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

TP-Link Cloud Service

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.

This chapter introduces how to register a new TP-Link ID, bind or unbind TP-Link IDs to manage your router, and the Tether app with which you can manage your home network no matter where you may find yourself.

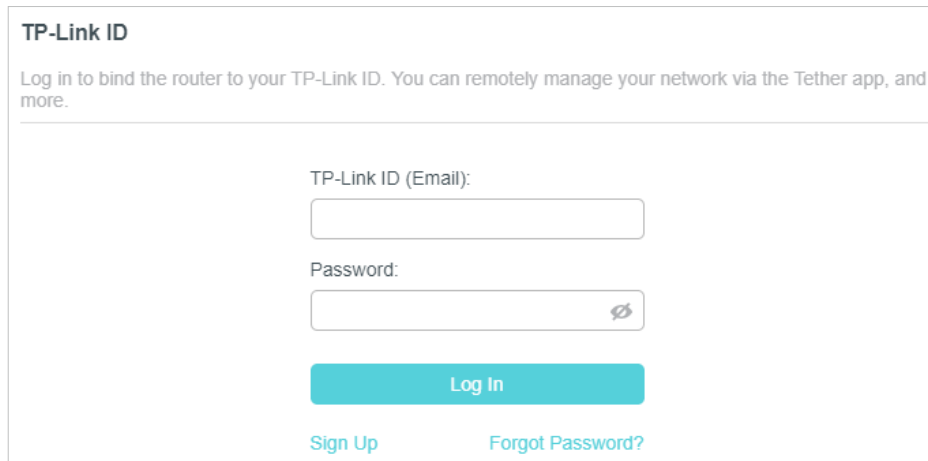
It contains the following sections:

- [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.



TP-Link ID

Log in to bind the router to your TP-Link ID. You can remotely manage your network via the Tether app, and more.

TP-Link ID (Email):

Password:

Log In

[Sign Up](#) [Forgot Password?](#)

4. After activating your TP-Link ID, come back to the TP-Link ID page to log in. The TP-Link ID used to log in to the router for the first time will be automatically bound as an [Admin](#).

Note:

- To learn more about the [Admin](#) and [User](#) TP-Link ID, refer to [Manage the Router via the TP-Link Tether App](#).
- Once the router is bound to your TP-Link ID, you need to log in to the router with the TP-Link ID.
- 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.

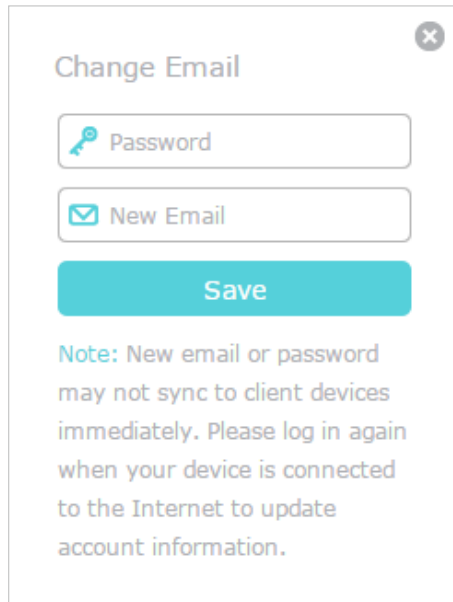
5.2. Change Your TP-Link ID Information

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:**

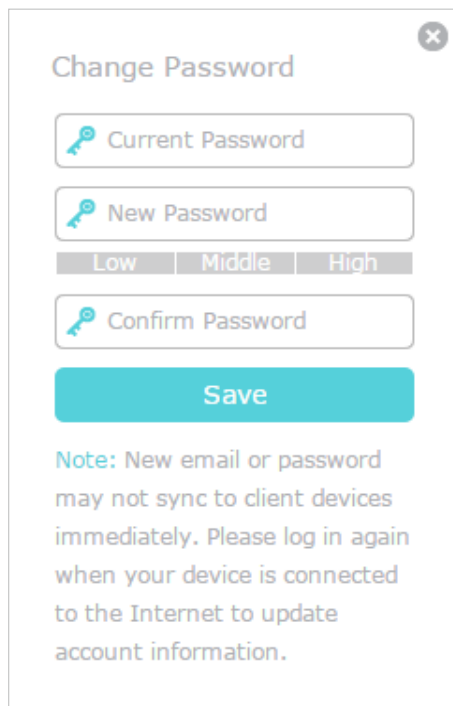
1. Click  behind the Email.
2. Enter the password of your TP-Link ID, then a new email address. And click [Save](#).



A dialog box titled "Change Email" with a close button (X) in the top right corner. It contains two input fields: "Password" with a key icon and "New Email" with an envelope icon. Below the fields is a teal "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](#).



A dialog box titled "Change Password" with a close button (X) in the top right corner. It contains three input fields: "Current Password", "New Password", and "Confirm Password", each with a key icon. Below the "New Password" field are three tabs: "Low", "Middle", and "High". Below the fields is a teal "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

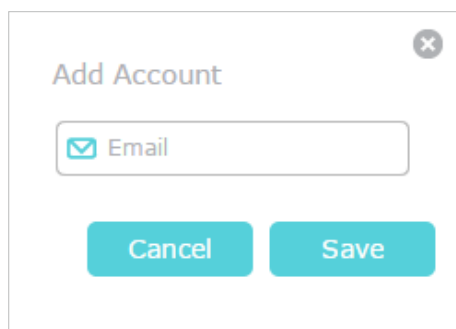
from the same router as **Users**. All accounts can monitor and manage the router locally or remotely, but user accounts cannot:

- 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.



The image shows a modal dialog box titled "Add Account". It contains a text input field with a blue envelope icon and the label "Email". Below the input field are two buttons: "Cancel" and "Save". A close button (X) is in the top right corner.

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

					+ Bind - Unbind	
☐	ID	Email	Binding Date	Role		
☐	1	dingpin_xu@163.com	2021/08/08	Admin		
☐	2	dingpin_xu@163.com	2021/08/08	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**.

Bound Accounts				
+ Bind - Unbind				
☐	ID	Email	Binding Date	Role
☐	1	admin_123@tp-link.com	2023-01-01	Admin
☒	2	user_456@tp-link.com	2023-01-01	User

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. Connect your device to the router’s wireless network.
3. Launch the Tether app, select the model of your router and log in with your TP-Link ID or the password you set for the router.
4. Manage your router as needed.

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

- Log in with your TP-Link ID. If you don’t have one, refer to [Register a TP-Link ID](#).
- Make sure your smartphone or tablet can access the internet with cellular data or a Wi-Fi network.

Chapter 6

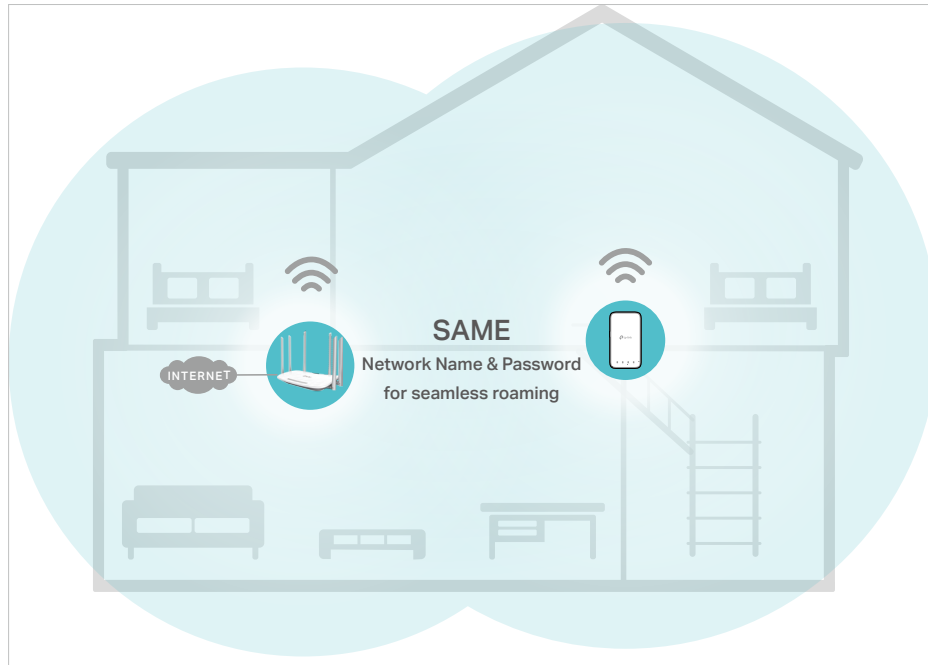
OneMesh with Seamless Roaming

This chapter introduces the TP-Link OneMesh™ feature.

It contains the following sections:

- [Set Up a OneMesh Network](#)
- [Manage Devices in the OneMesh Network](#)

TP-Link OneMesh  router and TP-Link OneMesh  extenders work together to form one unified Wi-Fi network. Walk through your home and stay connected with the fastest possible speeds thanks to OneMesh's seamless coverage.



Unified Wi-Fi Network

Router and extenders share the same wireless settings, including network name, password, access control settings and more.

Seamless Roaming

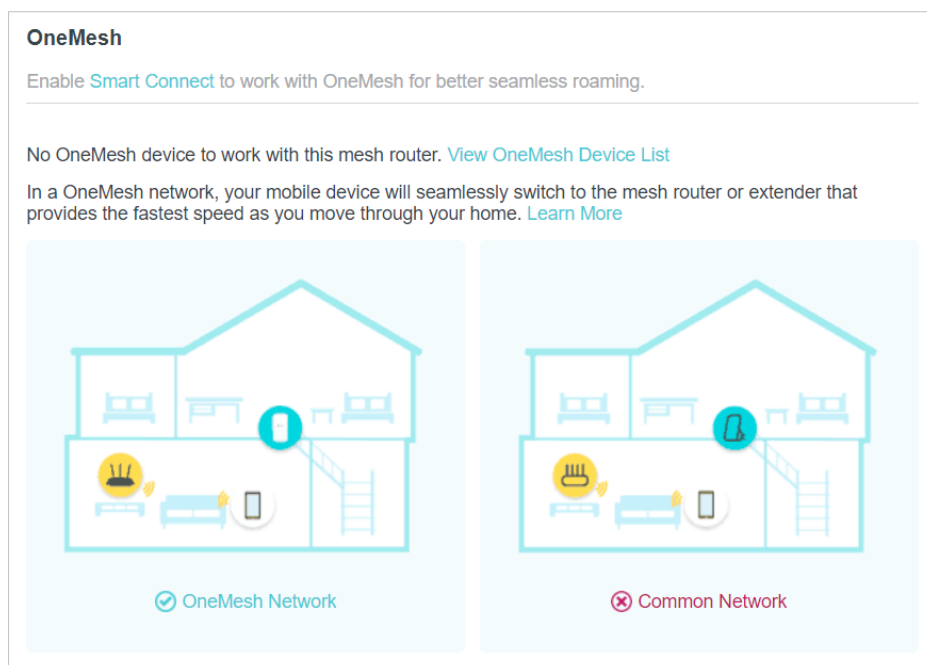
Devices automatically switch between your router and extenders as you move through your home for the fastest possible speeds.

Easy Setup and Management

Set up a OneMesh network with a push of WPS buttons. Manage all network devices on the Tether app or at your router's web management page.

6. 1. Set Up a OneMesh Network

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](#) > [OneMesh](#).



3. Connect a OneMesh extender to this router by following the setup instructions in the extender's manual. The extender will be listed on the router's **OneMesh** page.

■ Note: To check full list of TP-Link OneMesh devices, visit <https://www.tp-link.com/onemesh/compatibility>.

4. If you have set up the extender to join the OneMesh network, it will be listed on the router's **OneMesh** page.



Otherwise, you need to find it in the **Available OneMesh Devices** list and click **Add** to add it to the OneMesh network.



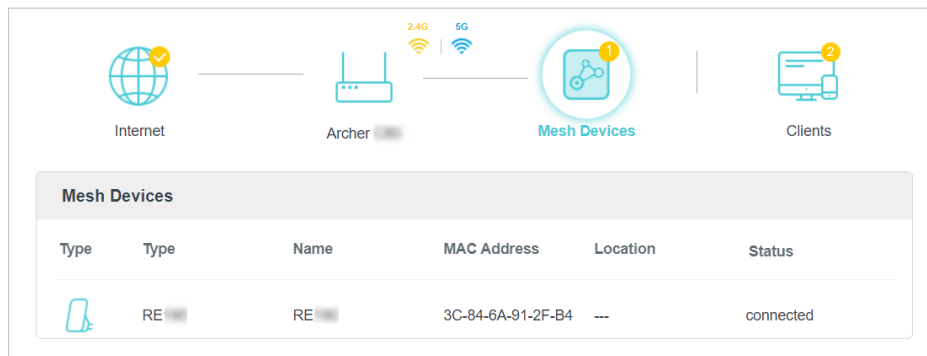
Done! Now your router and extender successfully form a OneMesh network!

6.2. Manage Devices in the OneMesh Network

In a OneMesh network, you can manage all mesh devices and connected clients on your router's web page.

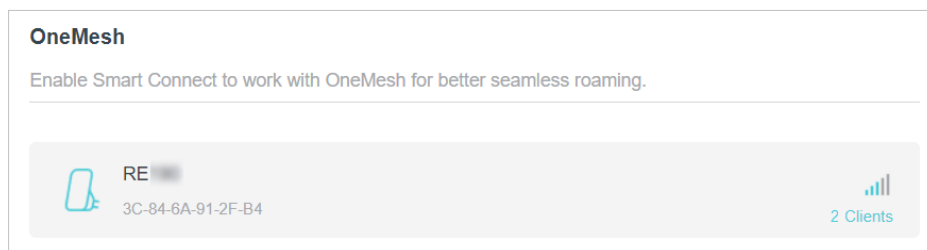
- **To view mesh devices and connected clients in the network:**

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to [Network Map](#).
3. Click  to view all mesh devices, and click  to view all connected clients.



- **To manage a OneMesh device in the network:**

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](#) > [OneMesh](#).



3. Click the OneMesh device to view detailed information.

The screenshot shows a web interface for managing a OneMesh device. The device name is 'RE'. The location is set to '- Please Select -'. The IP address is 192.168.0.50, and the MAC address is 3C-84-6A-91-2F-B4. The signal strength is shown as a bar chart, and the link speed is 130Mbps (2.4GHz) / 0Kbps (5GHz). There are two buttons: 'Leave OneMesh' and 'Manage Device'. A table titled 'Clients' lists two devices: 'My-iPhone' and 'My-PC'.

ID	Device Name	IP Address/MAC Address
1	My-iPhone	C4-61-8B-CE-BF-32 192.168.0.56
2	My-PC	BB-C1-8E-BE-BF-33 192.168.0.58

4. Manage the OneMesh device as needed. You can:

- Change device information.
- Click [Manage Device](#) to redirect to the web management page of this device.
- Click [Leave OneMesh](#) to delete this device from the OneMesh network.

Chapter 7

Guest Network

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](#)

7.1. 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. Locate the **Guest Network** section.
3. Create a guest network as needed.
 - 1) Tick the **Enable** checkbox for the 2.4GHz or 5GHz 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) Select the **Security** type.
 - If **No security** is selected, no password is needed to access your guest network.
 - If **WAP/WPA2-Personal** is selected, customize your own password.

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

2.4GHz: ☒ Enable

5GHz: ☒ Enable

Network Name (SSID):
☐ Hide SSID

Network Name (SSID):
☐ Hide SSID

Security:

Password:

[Sharing Network](#)

4. Click **Save**. Now your guests can access your guest network using the SSID and password you set!
5. You can also click **Sharing Network** to share the SSID and password to your guests.

2.4GHz: ☒ Enable

5GHz: ☒ Enable

Network Name (SSID):
☐ Hide SSID

Network Name (SSID):
☐ Hide SSID

Security:

Password:

[Sharing Network](#)



☒ SSID:
☒ Password:

[Save Picture](#)

Tips:

To view guest network information, go to **Network Map** and locate the **Guest Network** section. You can turn on or off the guest network function conveniently.

7.2. 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.

Guest Permissions
Control the data that guests can access.

☐ Allow guests to see each other
☐ Allow guests to access your local network

- **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 your 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 8

Parental Controls

This function allows you to block inappropriate, explicit and malicious websites, and control access to specified websites at specified time.

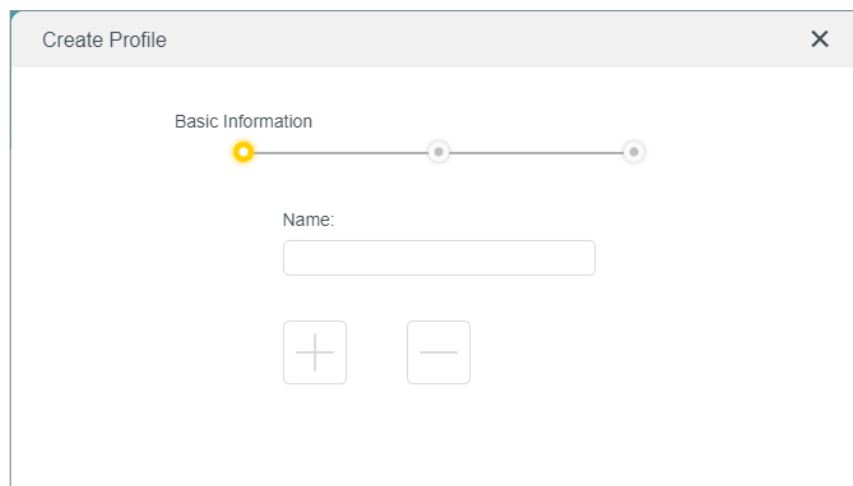
8.1. Setting Up Access Restrictions

I want to:

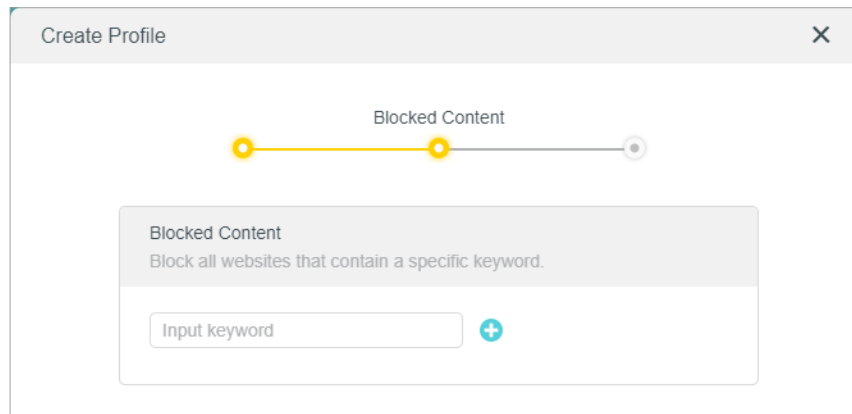
Block access to inappropriate online content for my child's devices, restrict internet access to 2 hours every day and block internet access during bed time (10 PM to 7 AM) on weekdays.

How can I do that?

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](#) > [Parental Controls](#).
3. Click  [Add](#) to create a profile for a family member.
4. Add basic profile information.



- 1) Enter a [Name](#) for the profile to make it easier to identify.
 - 2) Click  to select the devices that belong to this profile. Access restrictions will be applied to these devices. Click [ADD](#) when finished.
 **Note:** Only devices that have previously been connected to your router's network are listed here. If you are unable to find the device you want to add, connect it to your network and then try again.
 - 3) Click [Next](#).
5. Customize the [Blocked Content](#) according to your needs for this profile.



Create Profile

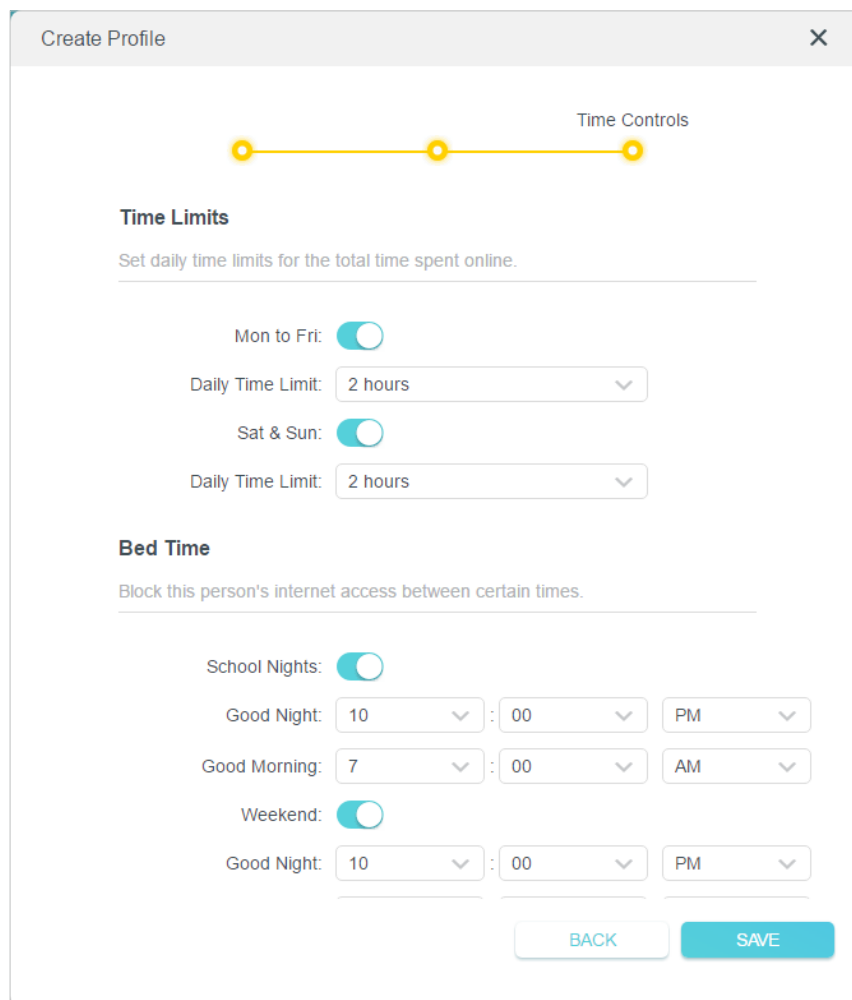
Blocked Content

Blocked Content
Block all websites that contain a specific keyword.

Input keyword +

- 1) Enter a keyword (for example, "Facebook") or a URL (for example, "www.facebook.com"). All websites containing the keywords will be blocked.
- 2) Click [Next](#).

6. Set time restrictions on internet access.



Create Profile

Time Controls

Time Limits
Set daily time limits for the total time spent online.

Mon to Fri: ☒

Daily Time Limit: 2 hours

Sat & Sun: ☒

Daily Time Limit: 2 hours

Bed Time
Block this person's internet access between certain times.

School Nights: ☒

Good Night: 10 : 00 PM

Good Morning: 7 : 00 AM

Weekend: ☒

Good Night: 10 : 00 PM

BACK SAVE

- 1) Enable [Time Limits](#) on Monday to Friday and Saturday & Sunday then set the allowed online time to 2 hours each day.

- 2) Enable [Bed Time](#) and use the up/down arrows or enter times in the fields. Devices under this profile will be unable to access the internet during this time period.
- 3) Click [Save](#).

Done!

The amount of time your child spends online is controlled and inappropriate content is blocked on their devices.

Chapter 9

QoS

This chapter introduces how to create a QoS (Quality of Service) rule to specify prioritization of traffic and minimize the impact caused when the connection is under heavy load.

I want to:

Specify priority levels for some devices or applications.

For example, I have several devices that are connected to my wireless network. I would like to set an intermediate speed on the internet for my computer for the next 2 hours.

How can I do that?

1. Enable QoS and set bandwidth allocation.

- 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](#) > [QoS](#) > [Global Settings](#).
- 3) Tick to enable [QoS](#).
 Note: QoS and NAT Boost cannot be enabled at the same time. To disable NAT Boost, go to [Advanced](#) > [Network](#) > [Internet](#) > [NAT](#).
- 4) Input the maximum upload and download bandwidth provided by your internet service provider. 1Mbps equal s to 1000Kbps.
- 5) Click [SAVE](#).

Global Settings
Prioritize the Internet traffic of specific device to guarantee a faster connection.

QoS: ☒ Enable

Upload Bandwidth: Mbps

Download Bandwidth: Mbps

2. In the [Device Priority](#) section, find your computer and toggle on [Priority](#). Click the entry in the [Timing](#) column and select 2 hours as the duration you want the device to be prioritized for.

Device Priority					
Type	Information	Real-time Rate	Traffic Usage	Priority	Timing
	W7584 (LAN) FC-AA-14-0D-23-18	↑ 0 KB/s ↓ 0 KB/s	0KB	☒	2 hours 1 h 59 min Remaining

3. Click [SAVE](#).

Done! You can now enjoy using your computer for the next 2 hours.

Chapter 10

Network Security

This chapter guides you on how to protect your home network from cyber attacks and unauthorized users by implementing these three network security functions. You can protect your home network from cyber attacks, block or allow specific client devices to access your network using Access Control, or you can prevent ARP spoofing and ARP attacks using IP & MAC Binding.

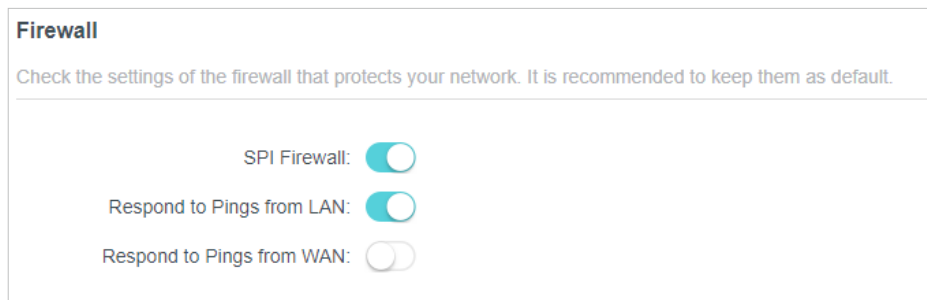
It contains the following sections:

- [Protect the Network from Cyber Attacks](#)
- [Access Control](#)
- [IP & MAC Binding](#)
- [ALG \(Application Layer Gateway\)](#)

10.1. Protect the Network from Cyber Attacks

The SPI (Stateful Packet Inspection) Firewall protects the router from cyber attacks and validate the traffic that is passing through the router based on the protocol. This function is enabled by default.

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](#) > [Security](#) > [Firewall](#). It's recommended to keep the default settings.



10.2. Access Control

Access Control is used to block or allow specific client devices to access your network (via wired or wireless) based on a list of blocked devices (Blacklist) or a list of allowed devices (Whitelist).

I want to:

Block or allow specific client devices to access my network (via wired or wireless).

How can I do that?

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](#) > [Security](#) > [Access Control](#).
3. Toggle on to enable [Access Control](#).
4. Select the access mode to either block (recommended) or allow the device(s) in the list.

To block specific device(s):

- 1) Select [Blacklist](#).

Access Control

Control the access to your network from the specified devices.

Access Control: ☒

Access Mode: ☒ Blacklist
 Configure a blacklist to only block access to your network from the specified devices.

☐ Whitelist

- 2) Click  **Add** and select devices you want to be blocked and Click **ADD**.
- 3) The **Operation Succeeded** message will appear on the screen, which means the selected devices have been successfully added to the blacklist.

Device Type	Device Name	MAC Address	Modify
	Yan	38-CA-DA-3A-D8-B1	

To allow specific device(s):

- 1) Select **Whitelist** and click **SAVE**.

Access Control

Control the access to your network from the specified devices.

Access Control: ☒

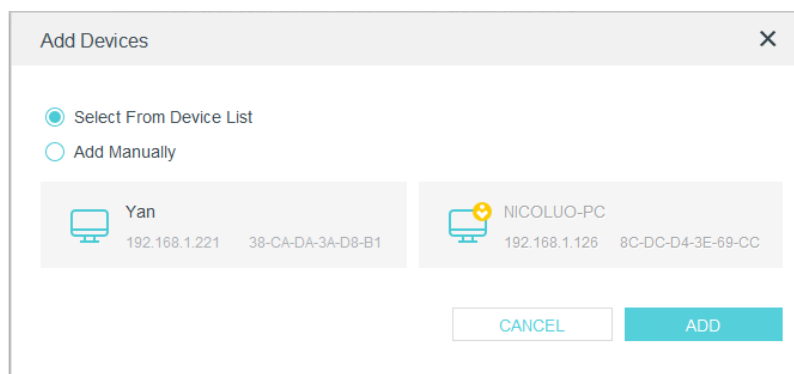
Access Mode: ☐ Blacklist
☒ Whitelist
 Configure a whitelist to only allow access to your network from the specified devices.

- 2) Your own device is in the whitelist by default and cannot be deleted. Click  **Add** to add other devices to the whitelist.

Device Type	Device Name	MAC Address	Modify
	UNKNOWN	00-19-66-35-E1-B0	

- **Add connected devices**

- 1) Click **Select From Device List**.
- 2) Select the devices you want to be allowed and click **ADD**.

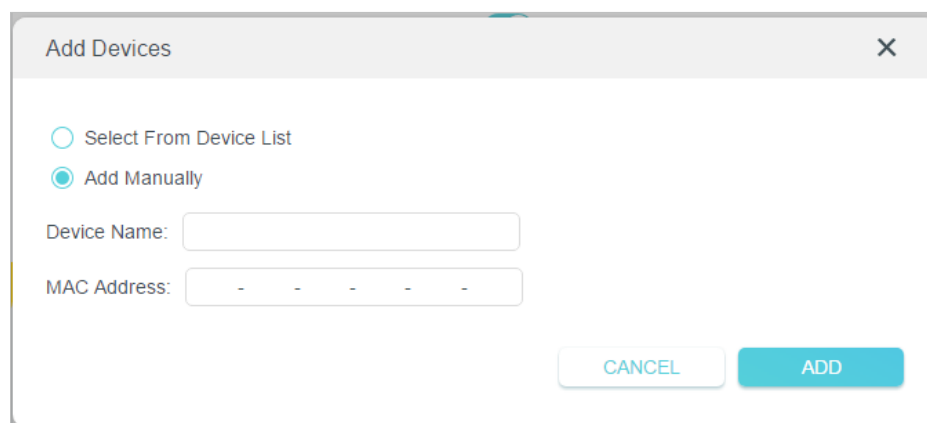


3) The **Operation Succeeded** message will appear on the screen, which means the selected devices have been successfully added to the whitelist.

- **Add unconnected devices**

1) Click **Add Manually**.

2) Enter the **Device Name** and **MAC Address** of the device you want to be allowed and click **ADD**.



3) The **Operation Succeeded** message will appear on the screen, which means the device has been successfully added to the whitelist.

Done!

Now you can block or allow specific client devices to access your network (via wired or wireless) using the **Blacklist** or **Whitelist**.

10.3. IP & MAC Binding

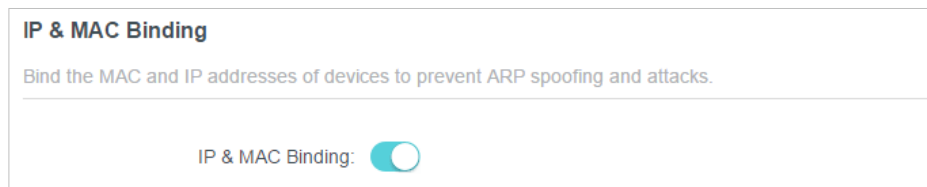
IP & MAC Binding, namely, ARP (Address Resolution Protocol) Binding, is used to bind network device's IP address to its MAC address. This will prevent ARP Spoofing and other ARP attacks by denying network access to an device with matching IP address in the Binding list, but unrecognized MAC address.

I want to:

Prevent ARP spoofing and ARP attacks.

How can I do that?

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](#) > [Security](#) > [IP & MAC Binding](#).
3. Enable [IP & MAC Binding](#).



IP & MAC Binding

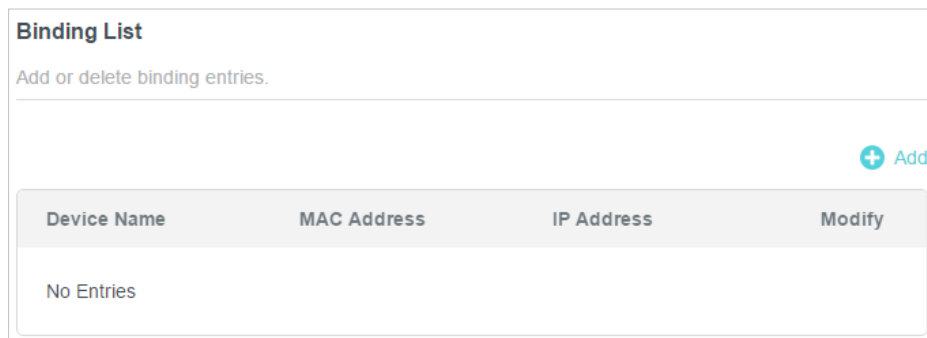
Bind the MAC and IP addresses of devices to prevent ARP spoofing and attacks.

IP & MAC Binding: ☒

4. Bind your device(s) according to your need.

To bind the connected device(s):

- 1) Click  [Add](#) in the [Binding List](#) section.



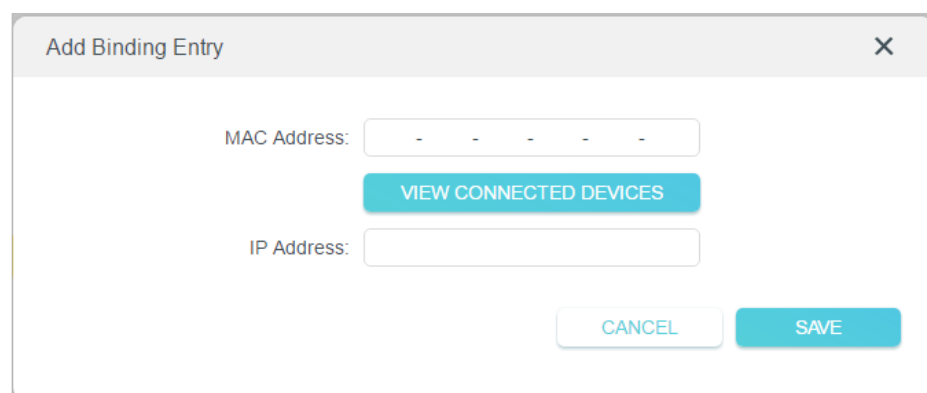
Binding List

Add or delete binding entries.

 [Add](#)

Device Name	MAC Address	IP Address	Modify
No Entries			

- 2) Click [VIEW CONNECTED DEVICES](#) and select the device you want to bind. The [MAC Address](#) and [IP Address](#) fields will be automatically filled in.



Add Binding Entry ×

MAC Address:

[VIEW CONNECTED DEVICES](#)

IP Address:

[CANCEL](#) [SAVE](#)

- 3) Click [SAVE](#).

To bind the unconnected device:

- 1) Click  **Add** in the **Binding List** section.

Binding List
Add or delete binding entries.

 **Add**

Device Name	MAC Address	IP Address	Modify
No Entries			

- 2) Enter the **MAC Address** and **IP Address** that you want to bind.

Done!

Now you don't need to worry about ARP spoofing and ARP attacks!

10. 4. ALG (Application Layer Gateway)

View your ALG (Application Layer Gateway) settings in this page. It is recommended to keep them as default.

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 > Security > ALG**.

ALG
Check the ALG (Application Layer Gateway) settings. It is recommended to keep them as default.

PPTP Passthrough: 

L2TP Passthrough: 

IPSec Passthrough: 

FTP ALG: 

TFTP ALG: 

RTSP ALG: 

H323 ALG: 

Chapter 11

NAT Forwarding

The router's NAT (Network Address Translation) feature makes devices on the LAN use the same public IP address to communicate with devices on the internet, which protects the local network by hiding IP addresses of the devices. However, it also brings about the problem that an external host cannot initiatively communicate with a specified device on the local network.

With the forwarding feature the router can penetrate the isolation of NAT and allows devices on the internet to initiatively communicate with devices on the local network, thus realizing some special functions.

The TP-Link router supports four forwarding rules. If two or more rules are set, the priority of implementation from high to low is Port Forwarding, Port Triggering, UPnP and DMZ.

It contains the following sections:

- [Share Local Resources on the Internet by Port Forwarding](#)
- [Open Ports Dynamically by Port Triggering](#)
- [Make Xbox Online Games Run Smoothly by UPnP](#)
- [Make Applications Free from Port Restriction by DMZ](#)

11.1. Share Local Resources on the Internet by Port Forwarding

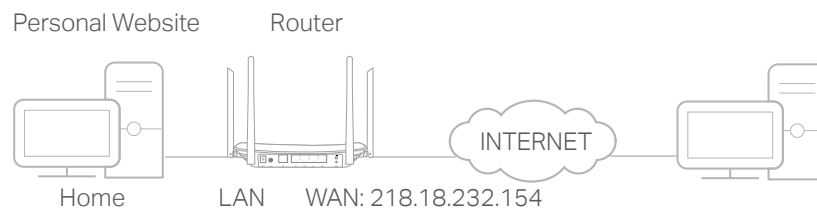
When you build up a server on the local network and want to share it on the internet, Port Forwarding can realize the service and provide it to internet users. At the same time Port Forwarding can keep the local network safe as other services are still invisible from the internet.

Port Forwarding can be used for setting up public services on your local network, such as HTTP, FTP, DNS, POP3/SMTP and Telnet. Different services use different service ports. Port 80 is used in HTTP service, port 21 in FTP service, port 25 in SMTP service and port 110 in POP3 service. Please verify the service port number before the configuration.

I want to:

Share my personal website I've built in local network with my friends through the internet.

For example, the personal website has been built on my home PC (192.168.0.100). I hope that my friends on the internet can visit my website in some way. The PC is connected to the router with the WAN IP address 218.18.232.154.



How can I do that?

1. Assign a static IP address to your PC, for example 192.168.0.100.
2. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
3. Go to **Advanced > NAT Forwarding > Port Forwarding**.
4. Click  **Add**.

Port Forwarding

Specify ports to make specific devices or services on your local network accessible over the internet.

+ Add

Service Name	Device IP Address	External Port	Internal Port	Protocol	Status	Modify
No Entries in this table.						

- Click **VIEW COMMON SERVICES** and select **HTTP**. The **External Port**, **Internal Port** and **Protocol** will be automatically filled in.
- Click **VIEW CONNECTED DEVICES** and select your home PC. The **Device IP Address** will be automatically filled in. Or enter the PC's IP address manually in the **Device IP Address** field.
- Click **SAVE**.

Add a Port Forwarding Entry X

Service Name:

VIEW COMMON SERVICES

Device IP Address:

VIEW CONNECTED DEVICES

External Port:

Internal Port:

Protocol: ▼

☒ Enable This Entry

CANCEL **SAVE**

Tips:

- It is recommended to keep the default settings of **Internal Port** and **Protocol** if you are not clear about which port and protocol to use.
- If the service you want to use is not in the common services list, you can enter the corresponding parameters manually. You should verify the port number that the service needs.
- You can add multiple port forwarding rules if you want to provide several services in a router. Please note that the **External Port** should not be overlapped.

Done!

Users on the internet can enter **http:// WAN IP** (in this example: **http:// 218.18.232.154**) to visit your personal website.

🔗 Tips:

- The WAN IP should be a public IP address. For the WAN IP is assigned dynamically by the ISP, it is recommended to apply and register a domain name for the WAN referring to [Make Applications Free from Port Restriction by DMZ](#). Then users on the internet can use [http:// domain name](#) to visit the website.
- If you have changed the default **External Port**, you should use [http:// WAN IP: External Port](#) or [http:// domain name: External Port](#) to visit the website.

11.2. Open Ports Dynamically by Port Triggering

Port Triggering can specify a triggering port and its corresponding external ports. When a host on the local network initiates a connection to the triggering port, all the external ports will be opened for subsequent connections. The router can record the IP address of the host. When the data from the internet return to the external ports, the router can forward them to the corresponding host. Port Triggering is mainly applied to online games, VoIPs, video players and common applications including MSN Gaming Zone, Dialpad and Quick Time 4 players, etc.

Follow the steps below to configure the Port Triggering rules:

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 > NAT Forwarding > Port Triggering** and click  **Add**.

Port Triggering

Specify ports to allow devices on your local network to dynamically open specific external ports and forward packets (from the internet) to the device that triggered it.

 Add

Service Name	Triggering Port	Triggering Protocol	External Port	External Protocol	Status	Modify
No Entries						

3. Click **VIEW COMMON SERVICES**, and select the desired application. The **Triggering Port**, **Triggering Protocol** and **External Port** will be automatically filled in. The following picture takes application **MSN Gaming Zone** as an example.

4. Click **SAVE**.

Tips:

- You can add multiple port triggering rules according to your network need.
- The triggering ports can not be overlapped.
- If the application you need is not listed in the Existing Applications list, please enter the parameters manually. You should verify the external ports the application uses first and enter them into **External Port** field according to the format the page displays.

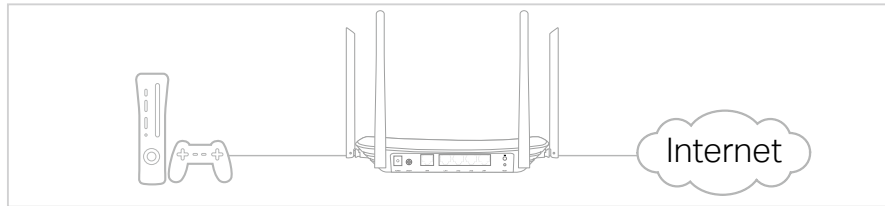
11.3. Make Xbox Online Games Run Smoothly by UPnP

The UPnP (Universal Plug and Play) protocol allows applications or host devices to automatically find the front-end NAT device and send request to it to open the corresponding ports. With UPnP enabled, the applications or host devices on the local network and the internet can freely communicate with each other thus realizing the seamless connection of the network. You may need to enable the UPnP if you want to use applications for multiplayer gaming, peer-to-peer connections, real-time communication (such as VoIP or telephone conference) or remote assistance, etc.

Tips:

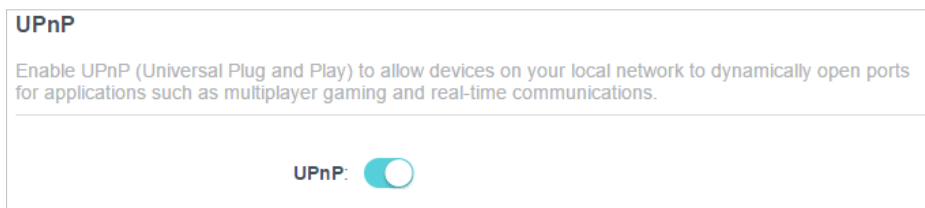
- UPnP is enabled by default in this router.
- Only the application supporting UPnP protocol can use this feature.
- UPnP feature needs the support of operating system (e.g. Windows Vista/ Windows 7/ Windows 8, etc. Some of operating system need to install the UPnP components).

For example, when you connect your Xbox to the router which has connected to the internet to play online games, UPnP will send request to the router to open the corresponding ports allowing the following data penetrating the NAT to transmit. Therefore, you can play Xbox online games without a hitch.



If necessary, you can follow the steps to change the status of UPnP.

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 > NAT Forwarding > UPnP** and toggle on or off according to your needs.



11.4. Make Applications Free from Port Restriction by DMZ

When a PC is set to be a DMZ (Demilitarized Zone) host on the local network, it is totally exposed to the internet, which can realize the unlimited bidirectional communication between internal hosts and external hosts. The DMZ host becomes a virtual server with all ports opened. When you are not clear about which ports to open in some special applications, such as IP camera and database software, you can set the PC to be a DMZ host.

Note:

When DMZ is enabled, the DMZ host is totally exposed to the internet, which may bring some potential safety hazards. If DMZ is not in use, please disable it in time.

I want to:

Make the home PC join the internet online game without port restriction.

For example, due to some port restriction, when playing the online games, you can log in normally but cannot join a team with other players. To solve this problem, set your PC as a DMZ host with all ports open.

How can I do that?

1. Assign a static IP address to your PC, for example 192.168.0.100.
2. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.

3. Go to [Advanced](#) > [NAT Forwarding](#) > [DMZ](#) and tick to enable DMZ.
4. Click [VIEW CONNECTED DEVICES](#) and select your PC. The [Device IP Address](#) will be automatically filled in. Or enter the PC's IP address 192.168.0.100 manually in the [DMZ Host IP Address](#) field.

DMZ
Expose a specific device in your local network to the internet for applications such as online gaming and real-time communications.

DMZ: ☒ Enable

DMZ Host IP Address:

[VIEW CONNECTED DEVICES](#)

5. Click [SAVE](#).

Done!

The configuration is completed. You've set your PC to a DMZ host and now you can make a team to game with other players.

Chapter 12

Customize Your Network Settings

This chapter guides you on how to configure advanced network features.

It contains the following sections:

- [Change the LAN Settings](#)
- [Configure to Support IPTV Service](#)
- [Specify DHCP Server Settings](#)
- [Set Up a Dynamic DNS Service Account](#)
- [Create Static Routes](#)
- [Specify Wireless Settings](#)
- [Schedule Your Wireless Function](#)
- [Use WPS for Wireless Connection](#)
- [Advanced Wireless Settings](#)

12.1. Change the LAN Settings

The router is preset with a default LAN IP 192.168.0.1, which you can use to log in to its web management page. The LAN IP address together with the Subnet Mask also defines the subnet that the connected devices are on. If the IP address conflicts with another device on your local network or your network requires a specific IP subnet, you can change it.

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 > Network > LAN**.
3. Type in a new IP Address appropriate to your needs. And leave the **Subnet Mask** as the default settings.



4. Click **SAVE**.

Note: If you have set the Port Forwarding, DMZ or DHCP address reservation, and the new LAN IP address is not in the same subnet with the old one, then you should reconfigure these features.

12.2. Configure to Support IPTV Service

I want to:

Configure IPTV setup to enable Internet/IPTV/Phone service provided by my internet service provider (ISP).

How can I do that?

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 > Network > IPTV/VLAN**.
3. Configure IPTV/VLAN settings:
 - 1) Tick **Enable IPTV/VLAN**.
 - 2) Select the appropriate **Mode** according to your ISP.
 - Select **Bridge** if your ISP is not listed and no other parameters are required.

- Select **Custom** if your ISP is not listed but provides necessary parameters.

IPTV/VLAN

Configure IPTV/VLAN settings if you want to enjoy IPTV or VoIP service, or if your ISP requires VLAN tags.

IPTV/VLAN: ☒ Enable

Mode: Bridge

LAN1: Portugal-Meo

LAN2: Portugal-Vodafone

LAN3: Australia-NBN

LAN4: New Zealand-UFB

LAN4: Bridge

LAN4: Custom

- 3) After you have selected a mode, the necessary parameters, including the LAN port for IPTV connection, are predetermined. If not, select the LAN type to determine which port is used to support IPTV service.
- 4) Click **SAVE**.
- 5) Connect the set-top box to the corresponding LAN port which is predetermined or you have specified in Step 3.

Done!

Your IPTV setup is done now! You may need to configure your set-top box before enjoying your TV.

12.3. Specify DHCP Server Settings

By default, the DHCP (Dynamic Host Configuration Protocol) Server is enabled and the router acts as a DHCP server; it dynamically assigns TCP/IP parameters to client devices from the IP Address Pool. You can change the settings of the DHCP Server if necessary, and you can reserve LAN IP addresses for specified client devices.

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 > Network > DHCP Server**.

- **To specify the IP address that the router assigns:**