

3. Click **VIEW CONNECTED DEVICES** and select the device to manage the router from the Connected Devices list, or enter the MAC address of the device manually.
4. Specify a **Description** for this entry.
5. Click **SAVE**.

13.6. Remote Management

This feature allows you to control remote devices' authority to manage the 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 > System > Administration** and complete the settings in **Remote Management** section as needed.

- Forbid all devices to manage the router remotely:

Do not tick the **Enable** checkbox of **Remote Management**.



- Allow all devices to manage the router remotely:



1. Tick the **Enable** checkbox of **Remote Management**.
2. Keep the HTTPS and HTTP port as default settings (recommended) or enter a value between 1024 and 65535.
3. Select **All Devices** for **Remote Managers**.
4. Click **SAVE**.

Devices on the internet can log in to <http://Router's WAN IP address:port number> (such as <http://113.116.60.229:1024>) to manage the router.

🔗 Tips:

- You can find the WAN IP address of the router on [Network Map > Internet](#).
 - The router's WAN IP is usually a dynamic IP. Please refer to [Set Up a Dynamic DNS Service Account](#) if you want to log in to the router through a domain name.
- Allow a specific device to manage the router remotely:

1. Tick the [Enable](#) checkbox of [Remote Management](#).
2. Keep the HTTPS and HTTP port as default settings (recommended) or enter a value between 1024 and 65535.
3. Select [Specified Device](#) for [Remote Managers](#).
4. In the [Only this IP Address](#) field, enter the IP address of the remote device to manage the router.
5. Click [SAVE](#).

Devices using this WAN IP can manage the router by logging in to <http://Router's WAN IP:port number> (such as <http://113.116.60.229:1024>).

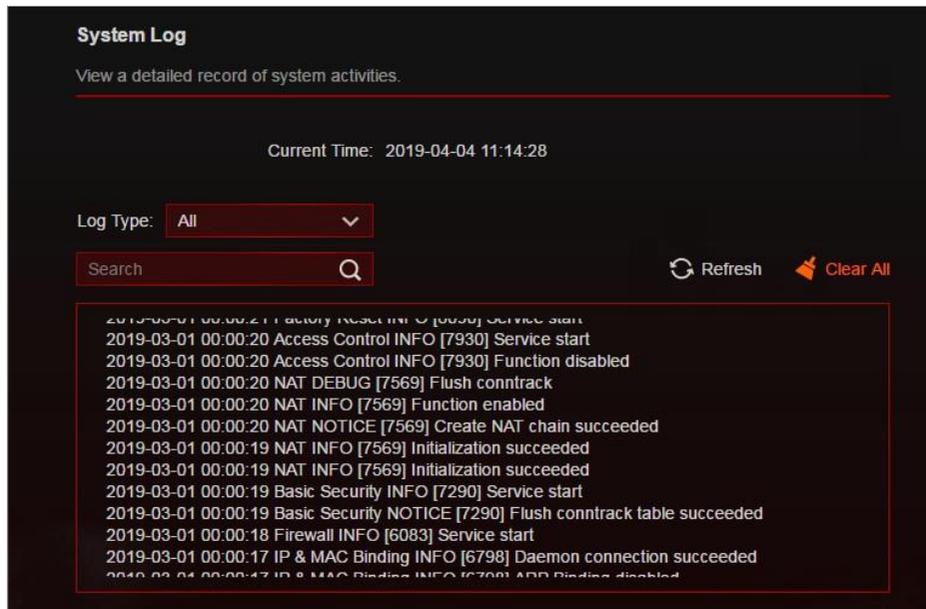
🔗 Tips: The router's WAN IP is usually a dynamic IP. Please refer to [Set Up a Dynamic DNS Service Account](#) if you want to log in to the router through a domain name.

13.7. System Log

When the router does not work normally, you can save the system log and send it to the technical support for troubleshooting.

- To save the system log locally:
 1. Visit <http://tplinkwifi.net>, and log in your TP-Link ID or the password you set for the router.

2. Go to **Advanced > System > System Log**.
3. Choose the type and level of the system logs as needed.



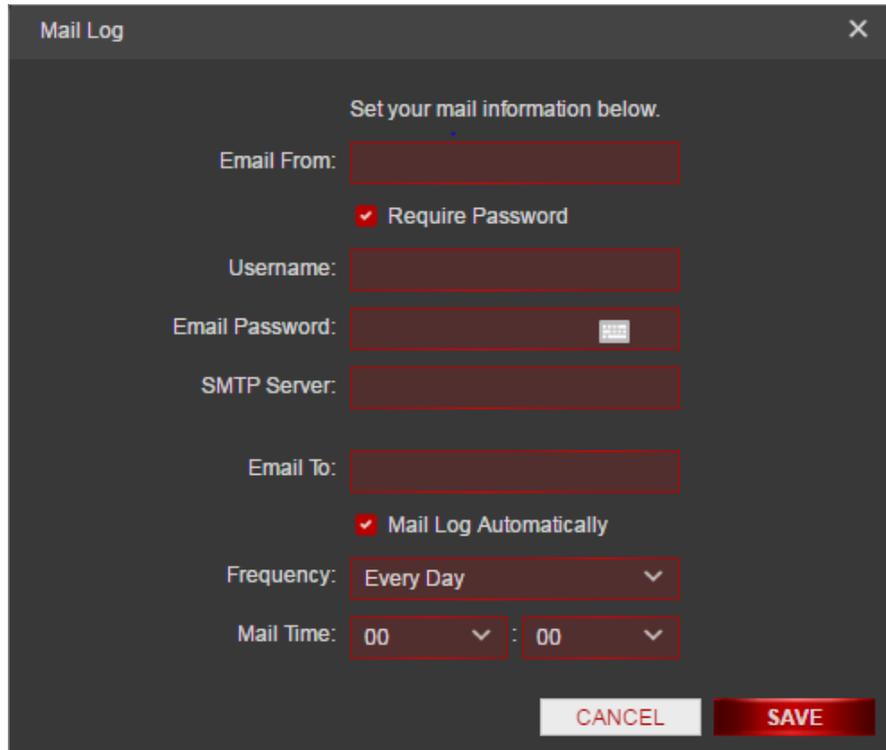
4. In the **Save Log** section, click **SAVE TO LOCAL** to save the system logs to a local disk.



- To send the system log to a mailbox at a fixed time:

For example, I want to check my router's working status at a fixed time every day, however, it's too troublesome to log in to the web management page every time I want to go checking. It would be great if the system logs could be sent to my mailbox at 8 a.m. every day.

 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 Tools > System Log**.
 3. In the **Save Log** section, click **MAIL LOG**.
 4. Enter the information required:



The image shows a 'Mail Log' configuration dialog box with a dark background and light text. At the top right is a close button (X). Below the title is the instruction 'Set your mail information below.' The form contains several fields: 'Email From:' with a text input; a checked checkbox for 'Require Password'; 'Username:' with a text input; 'Email Password:' with a text input and a password icon; 'SMTP Server:' with a text input; 'Email To:' with a text input; a checked checkbox for 'Mail Log Automatically'; 'Frequency:' with a dropdown menu set to 'Every Day'; and 'Mail Time:' with two dropdown menus set to '00'. At the bottom are 'CANCEL' and 'SAVE' buttons.

1) **Email From:** Enter the email address used for sending the system log.

2) Select **Require Password**.

☞ Tips: Generally, Require Password should be selected if the login of the mailbox requires username and password.

3) **Username:** Enter the email address used for sending the system log.

4) **Email Password:** Enter the password to login the sender's email address.

5) **SMTP Server:** Enter the SMTP server address.

☞ Tips: SMTP server is available for users in most webmail systems. For example, the SMTP server address of Hotmail is smtp-mail.outlook.com.

6) **Email To:** Enter the recipient's email address, which can be the same as or different from the sender's email address.

7) Select **Mail Log Automatically**.

☞ Tips: The router will send the system log to the designated email address if this option is enabled.

8) **Frequency:** This determines how often the recipient will receive the system log .

5. Click **SAVE**.

13. 8. Test the Network Connectivity

Diagnostics is used to test the connectivity between the router and the host or other network 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](#) > [System](#) > [Diagnostics](#) or [Game Center](#) > [Game Diagnostics](#).

3. Enter the information:

- 1) Choose [Ping](#) or [Traceroute](#) as the diagnostic tool to test the connectivity;
 - [Ping](#) is used to test the connectivity between the router and the tested host, and measure the round-trip time.
 - [Traceroute](#) is used to display the route (path) your router has passed to reach the tested host, and measure transit delays of packets across an Internet Protocol network.
- 2) Enter the [IP Address](#) or [Domain Name](#) of the tested host.
- 3) Modify the [Ping Count](#) number and the [Ping Packet Size](#). It's recommended to keep the default value.
- 4) If you have chosen [Traceroute](#), you can modify the [Traceroute Max TTL](#). It's recommended to keep the default value.

4. Click [START](#) to begin the diagnostics.

The figure below indicates the proper connection between the router and the Yahoo server (www.Yahoo.com) tested through [Ping](#).

```

PING yahoo.com (98.138.219.231): 64 data bytes
Reply from 98.138.219.231: bytes=64 ttl=49 seq=1 time=304.936 ms
Reply from 98.138.219.231: bytes=64 ttl=49 seq=2 time=314.398 ms
Reply from 98.138.219.231: bytes=64 ttl=49 seq=3 time=323.191 ms
Reply from 98.138.219.231: bytes=64 ttl=49 seq=4 time=344.335 ms
--- Ping Statistic "yahoo.com" ---
Packets: Sent=4, Received=4, Lost=0 (0.00% loss)
Round-trip min/avg/max = 304.936/321.715/344.335 ms
ping is stopped.

```

The figure below indicates the proper connection between the router and the Yahoo server (www.Yahoo.com) tested through [Traceroute](#).

```

traceroute to yahoo.com (72.30.35.9), 5 hops max, 38 byte packets
 1 unknown (10.0.0.1) 0.681 ms 0.553 ms 0.570 ms
 2 61.141.64.1 (61.141.64.1) 7.443 ms 3.493 ms 8.752 ms
 3 202.105.158.25 (202.105.158.25) 2.939 ms 202.105.155.201 (202.105.155.201) 2.550 ms
 202.105.155.205 (202.105.155.205) 2.501 ms
 4 183.56.65.14 (183.56.65.14) 8.672 ms 183.56.65.70 (183.56.65.70) 6.533 ms 9.779 ms
 5 202.97.94.122 (202.97.94.122) 6.064 ms 202.97.66.154 (202.97.66.154) 5.636 ms
 202.97.94.138 (202.97.94.138) 7.608 ms
Trace Complete.
traceroute is stopped.

```

13. 9. Set Up System Time

System time is the time displayed while the router is running. The system time you configure here will be used for other time-based functions like Parental Controls. You can choose the way to obtain the system time as needed.

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](#) > [Time & Language](#).
 - **To get time from the internet:**
 1. Enable [24-Hour Time](#) if you want the time to display in a 24-hour way.
 2. In the [Set Time](#) field, select [Get from Internet](#).

System Time

Set the router's system time.

Current Time: 2019-03-01 12:47:58 AM

24-Hour Time:

Set Time: Get from Internet ▼

Time Zone: (UTC-08:00) Pacific Time (US & Canada) ▼

NTP Server I: time.nist.gov

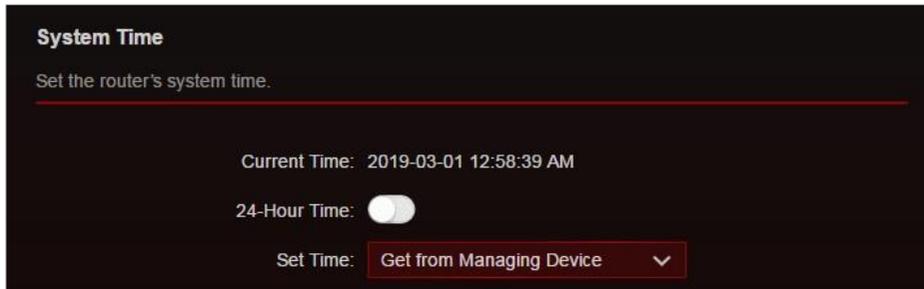
NTP Server II: time-nw.nist.gov (Optional)

3. Select your local [Time Zone](#) from the drop-down list.

4. In the **NTP Server I** field, enter the IP address or domain name of your desired NTP Server.
5. (Optional) In the **NTP Server II** field, enter the IP address or domain name of the second NTP Server.
6. Click **SAVE**.

- **To get time from your computer:**

1. In the **Set Time** field, select **Get from Managing Device**.

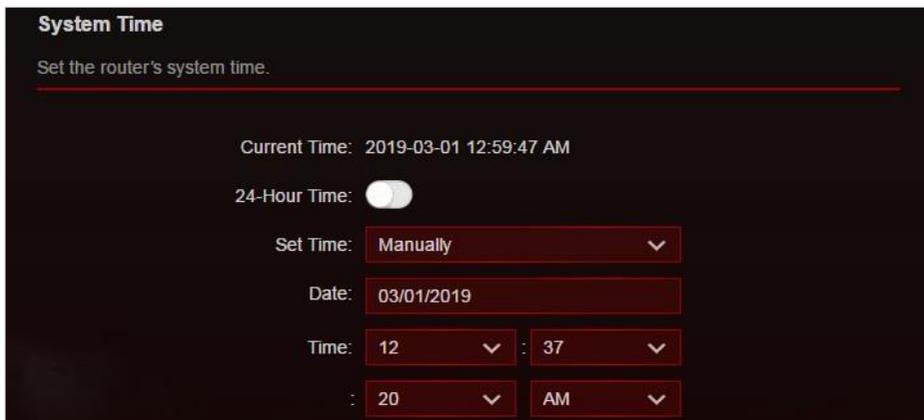


The screenshot shows the 'System Time' configuration page. At the top, it says 'Set the router's system time.' Below this, the 'Current Time' is displayed as '2019-03-01 12:58:39 AM'. There is a '24-Hour Time' toggle switch which is currently turned off. The 'Set Time' dropdown menu is open, showing 'Get from Managing Device' as the selected option.

2. The time of your computer will then be displayed and click **SAVE**.

- **To manually set the date and time:**

1. In the **Set Time** field, select **Manually**.

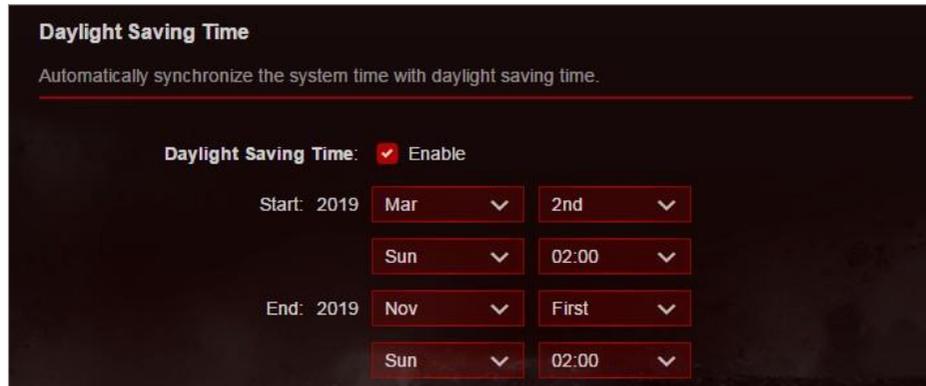


The screenshot shows the 'System Time' configuration page. At the top, it says 'Set the router's system time.' Below this, the 'Current Time' is displayed as '2019-03-01 12:59:47 AM'. There is a '24-Hour Time' toggle switch which is currently turned off. The 'Set Time' dropdown menu is open, showing 'Manually' as the selected option. Below this, the 'Date' field is filled with '03/01/2019'. The 'Time' field is filled with '12 : 37 : 20 AM'.

2. Set the current **Date** (In **MM/DD/YYYY** format).
3. Set the current **Time** (In **HH/MM/SS** format).
4. Click **SAVE**.

- **To set up Daylight Saving Time:**

1. Tick the **Enable** box of **Daylight Saving Time**.



Daylight Saving Time
Automatically synchronize the system time with daylight saving time.

Daylight Saving Time: Enable

Start: 2019 Mar 2nd Sun 02:00

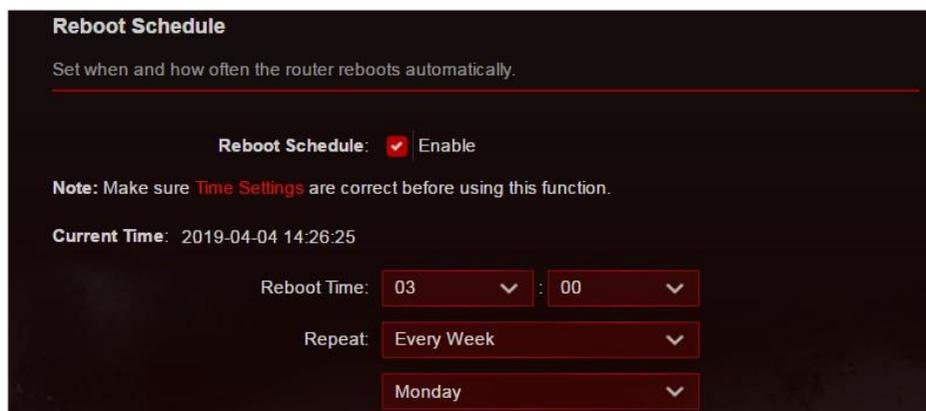
End: 2019 Nov First Sun 02:00

2. Select the correct **Start** date and time when daylight saving time starts at your local time zone.
3. Select the correct **End** date and time when daylight saving time ends at your local time zone.
4. Click **SAVE**.

13. 10. Set the Router to Reboot Regularly

The Scheduled Reboot feature cleans the cache to enhance the running performance of the 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 > System > Reboot**.
3. Tick the **Enable** box of **Reboot Schedule**.



Reboot Schedule
Set when and how often the router reboots automatically.

Reboot Schedule: Enable

Note: Make sure **Time Settings** are correct before using this function.

Current Time: 2019-04-04 14:26:25

Reboot Time: 03 : 00

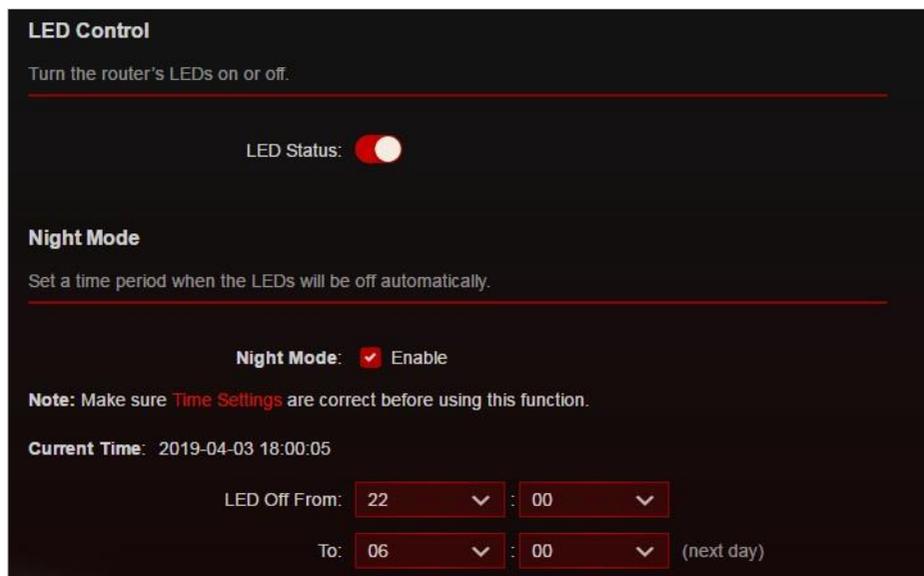
Repeat: Every Week Monday

4. Specify the **Reboot Time** when the router reboots and **Repeat** to decide how often it reboots.
5. Click **SAVE**.

13. 11. Control the LED

The LED of the router indicates its activities and status. You can enable the Night Mode feature to specify a time period during which the LED is off.

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](#) > [LED Control](#).
3. Enable [Night Mode](#).
4. Specify the LED off time, and the LED will be off during this period every day.
Note: The effective LED off time is based on the time of the router. You can go to [Advanced](#) > [System](#) > [Time & Language](#) to modify the time.
5. Click [SAVE](#).



13. 12. Test Your Internet Speed

Speedtest® provides an easy way to monitor your network speed. It reveals the current upload and download speeds received from your provider and gives practical advice about the activities you can enjoy.

- **To test your internet speed:**

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](#) and click [SPEED TEST](#).
3. If it is the first time you run a test, the router will start the test automatically. Otherwise, click [TEST AGAIN](#).



Note:

- To run a Speedtest®, your router must be connected to the internet.
- For a more accurate result, make sure no apps or programs are running on devices on your network.

To view the history of internet speeds:

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** and click **History** to view a record of previous test results.

Internet Speed Test History

Clear All

Time	Download	Upload
2019-03-01 2:33 AM	58.22 Mbps	18.8 Mbps
2019-03-01 2:33 AM	63.75 Mbps	17.96 Mbps
2019-02-28 0:01 AM	61.24 Mbps	22.05 Mbps

Chapter 14

Game Center

This chapter will show some gaming related information and guide you on how to protect and accelerate your gaming.

It contains the following sections:

- [Check Key Parameters through Dashboard](#)
- [Boost Game Speed through Game Accelerator](#)
- [TP-Link Router Skill for Alexa](#)
- [Game Protector](#)
- [VPN Server](#)
- [Port Forwarding](#)
- [Game Diagnostics](#)

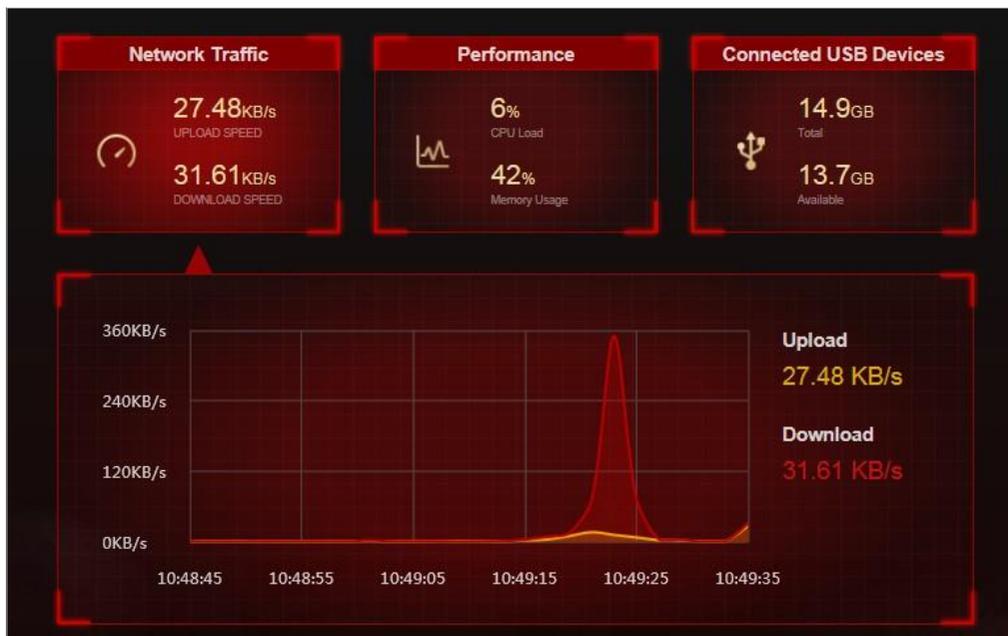
14. 1. Check Key Parameters through Dashboard

Here you can check some key parameters related to your router, including network traffic of the WAN port, Performance of the router, connected USB devices and more.

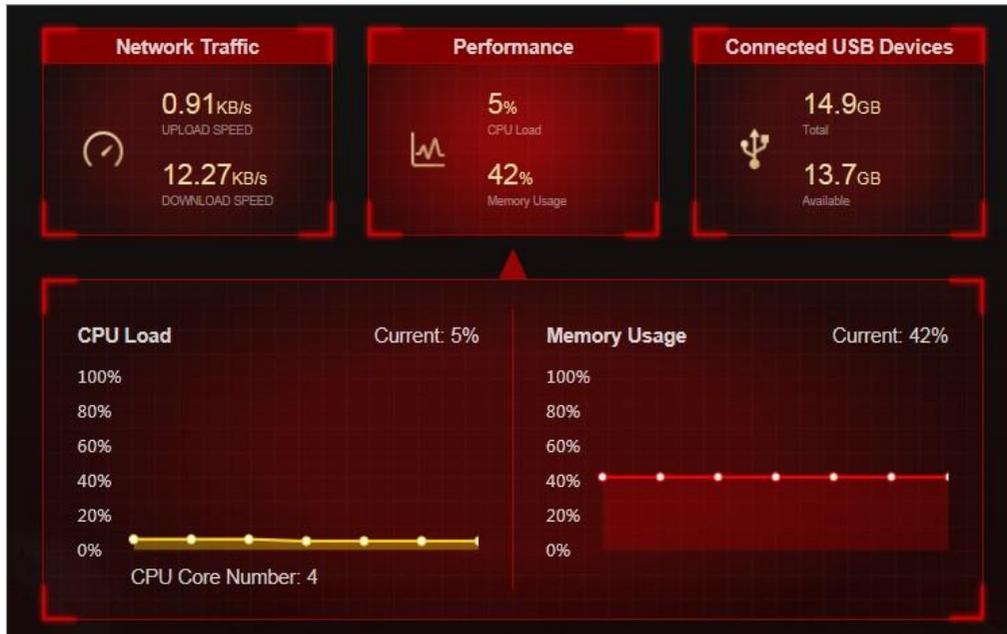
1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to [Game Center > Dashboard](#).



3. Click [Network Traffic](#) to view the real-time upload and download speed for the WAN port.



4. Click [Performance](#) to view the current status CPU load and memory usage.



5. Click [Connected USB Devices](#) to view the total and available memory capacity of connected USB devices. Click the edit button  to transfer to the USB settings page for sharing files and media from the USB storage devices. You can also go to [Advanced > USB > USB Storage Device](#) for configuration.



14.2. Boost Game Speed through Game Accelerator

GameAccelerator is used to reduce game latency and boost game speed. It automatically detects and optimizes gaming streams, to ensure your gaming stays immersive, and keep you network as fast as your reaction speed.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Game Center > Game Accelerator** and turn on **Game Accelerator**.



3. The **Statistics** section shows the gaming information of connected devices.

Statistics				
Type	Information	Real-time Rate	Latency	Gaming Duration
	Jeff's iPhone 00:00:00:00:00:01 192.168.0.101	↓ 10.7 MB/s ↑ 4.8 MB/s	8.351ms 	1 h 6 min (Total) 24 min (Current)
	Macbook Pro 00:00:00:00:00:02 192.168.0.102	↓ 8.7 MB/s ↑ 3.4 MB/s	8.351ms 	4 h 56 min (Total) 56 min (Current)

Information: Displays the device name, IP address and MAC address of the client.

Real-time Rate: Displays the real-time upload and download speed of the client.

Latency: Displays the round-trip time that a router pings a client. Click  to refresh the value of latency. If the client disables ping response, the value will be displayed as "--".

Gaming Duration: Displays the current gaming duration this time and the accumulated total gaming duration for the client.

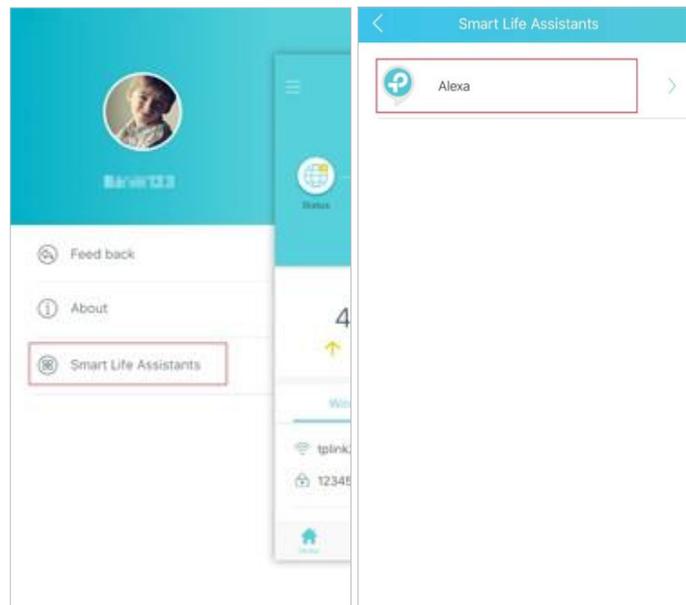
14.3. TP-Link Router Skill for Alexa

Control your network devices using simply the power of your voice with the TP-Link Router Skill for Amazon Alexa. Prioritize gaming or your game device, switch off your router's LEDs or ask Alexa to read out the password of the guest network, all without stopping what you're doing.

1. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
2. Go to **Game Center > Smart Game Assistant > Alexa**.
3. Follow the on-screen instructions to set up smart control of your router.



Or download [TP-Link Tether](#) app, open it and tap the  icon, then select [Smart Life Assistants](#) to complete the setup.



14.4. Game Protector

Game Protector keeps your accounts and system safe, ensuring your security while gaming online. It contains the features of [Parental Controls](#) and [Antivirus](#). To learn more about the two features, refer to [Parental Controls](#) and [Antivirus](#).

14.5. VPN Server

The VPN (Virtual Private Networking) Server allows you to access your home network in a secured way through internet when you are out of home. To know more about VPN Server, refer to [VPN Server](#).

14.6. Port Forwarding

Port Forwarding enables you to build up a server on the local network and want to share it on the internet. Please refer to [Share Local Resources on the Internet by Port Forwarding](#) to get the detailed information about Port Forwarding.

14.7. Game Diagnostics

Game Diagnostics is used to test the connectivity between the router and the host or other network devices while gaming. Please refer to [Test the Network Connectivity](#) to learn how to use Game Diagnostics.

FAQ

Q1. What should I do if I forget my wireless password?

The default wireless password is printed on the label of the router. If the password has been altered:

1. Connect your computer to the router using an Ethernet cable.
2. Visit <http://tplinkwifi.net>, and log in with your TP-Link ID or the password you set for the router.
3. Go to [Wireless](#) or [Advanced](#) > [Wireless](#) to retrieve or reset your wireless password.

Q2. What should I do if I forget my web management password?

- If you are using a TP-Link ID to log in, or you have enabled the Password Recovery feature of the router, click [Forgot Password?](#) on the login page and then follow the instructions to reset it.
- Alternatively, press and hold the Reset button of the router until the LED blinks to reset it, and then visit <http://tplinkwifi.net> to create a new login password.

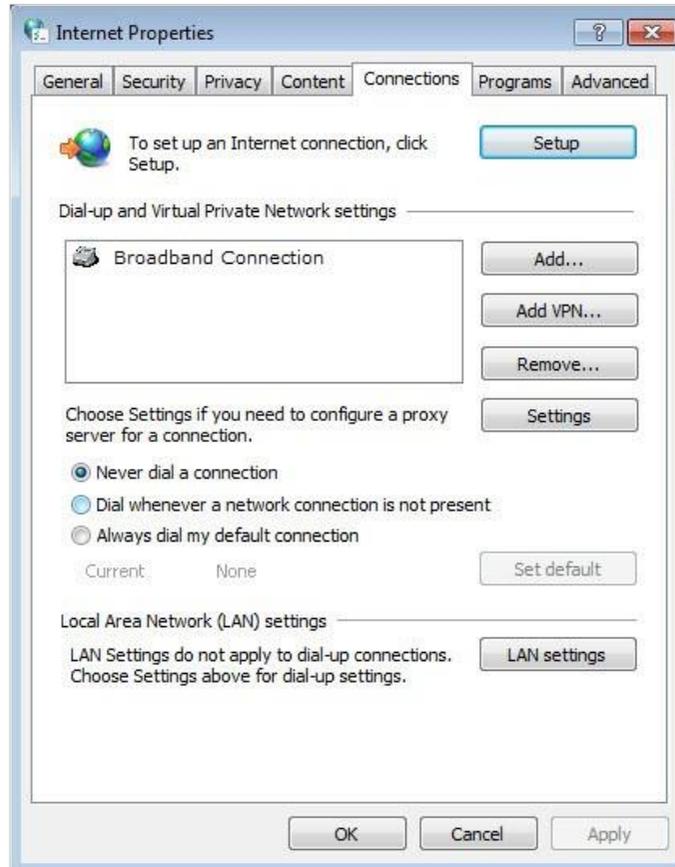
Note:

- Please refer to [Password Recovery](#) to learn how to configure Password Recovery.
- You'll need to reconfigure the router to surf the internet once the router is reset, and please mark down your new password for future use.

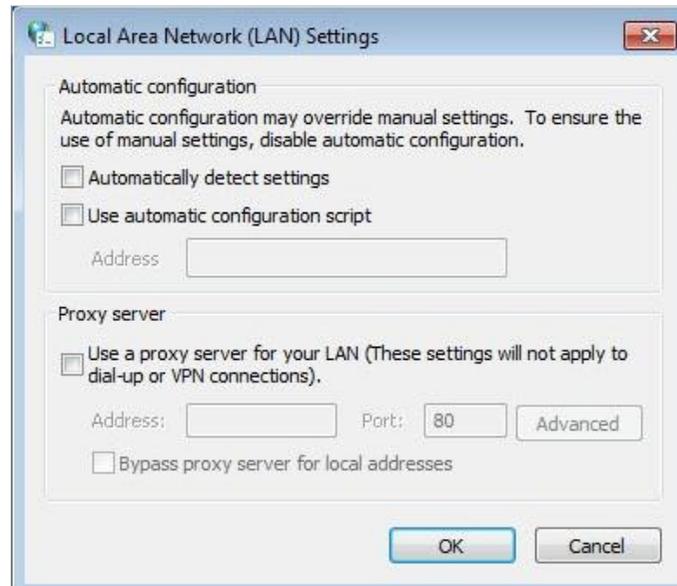
Q3. What should I do if I cannot log in to the router's web management page?

This can happen for a variety of reasons. Please try the methods below to log in again.

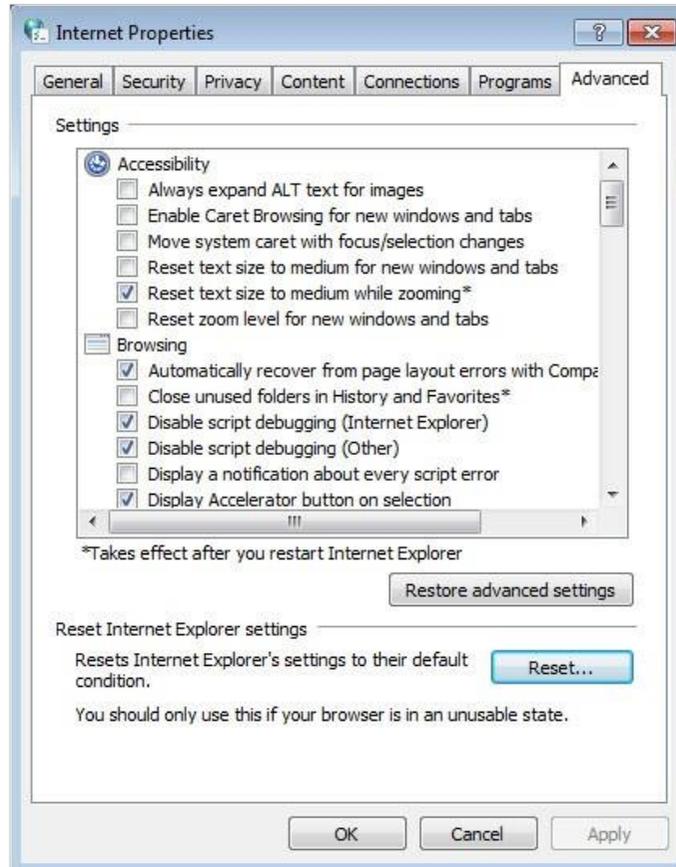
- Make sure your computer is connected to the router correctly and the corresponding LED indicator(s) light up.
- Make sure the IP address of your computer is configured as [Obtain an IP address automatically](#) and [Obtain DNS server address automatically](#).
- Make sure <http://tplinkwifi.net> or <http://192.168.0.1> is correctly entered.
- Check your computer's settings:
 - 1) Go to [Start](#) > [Control Panel](#) > [Network and Internet](#), and click [View network status and tasks](#).
 - 2) Click [Internet Options](#) on the bottom left.
 - 3) Click [Connections](#) and select [Never dial a connection](#).



4) Click **LAN settings** and deselect the following three options and click **OK**.



5) Go to **Advanced** > **Restore advanced settings**, click **OK** to save the settings.



- Use another web browser or computer to log in again.
- Reset the router to factory default settings and try again. If login still fails, please contact the technicalsupport.

Note: You'll need to reconfigure the router to surf the internet once the router is reset.

Q4. What should I do if the router can't be found via Bluetooth in Tether (how to reset the router)?

The router's Bluetooth will be enabled for 30 minutes following a reset to factory defaults. There are two ways to reset the router:

- With the router powered on, use a pin to press and hold the **Reset** button on the back of the router until the LED blinks.
- Log in to the web management page of the router. Go to **Advanced > System > Backup & Restore**, and click **FACTORY RESTORE**. The router will reset and restart automatically.

Q5. What should I do if I cannot access the internet even though the configuration is finished?

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** or **Advanced > Status** to check internet status.

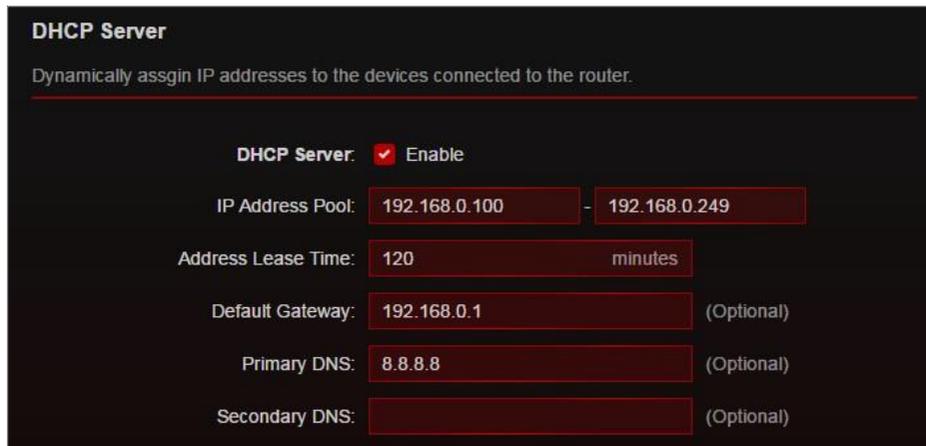
If the IP Address is a valid one, please try the methods below and try again:

- Your computer might not recognize any DNS server addresses. Please manually configure the DNSserver.

1) Go to [Advanced](#) > [Network](#) > [DHCP Server](#).

2) Enter 8.8.8.8 as Primary DNS, click [SAVE](#).

 Tips: 8.8.8.8 is a safe and public DNS server operated by Google.



DHCP Server
Dynamically assign IP addresses to the devices connected to the router.

DHCP Server: Enable

IP Address Pool: 192.168.0.100 - 192.168.0.249

Address Lease Time: 120 minutes

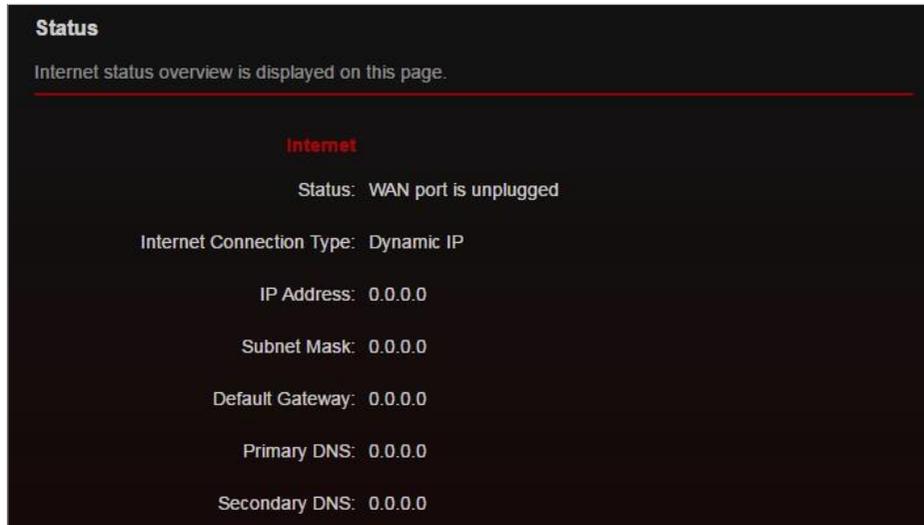
Default Gateway: 192.168.0.1 (Optional)

Primary DNS: 8.8.8.8 (Optional)

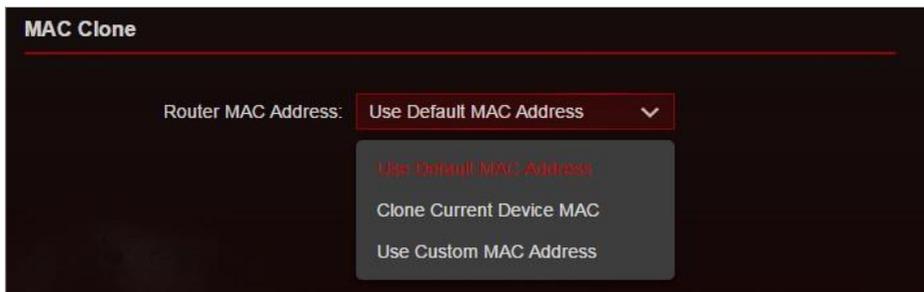
Secondary DNS: (Optional)

- Restart the modem and the router.
 - 1) Power off your modem and router, and leave them off for 1 minute.
 - 2) Power on your modem first, and wait about 2 minutes until it gets a solid cable or Internet light.
 - 3) Power on the router.
 - 4) Wait another 1 or 2 minutes and check the internet access.
- Reset the router to factory default settings and reconfigure the router.
- Upgrade the firmware of the router.
- Check the TCP/IP settings on the particular device if all other devices can get internet from the router.

As the picture below shows, if the IP Address is 0.0.0.0, please try the methods below and try again:



- Make sure the physical connection between the router and the modem is proper.
- Clone the MAC address of your computer.
 - 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** or **Advanced > Network > Internet** and focus on the **MAC Clone** section.
 - 3) Choose an option as needed (enter the MAC address if **Use Custom MAC Address** is selected), and click **SAVE**.



 Tips:

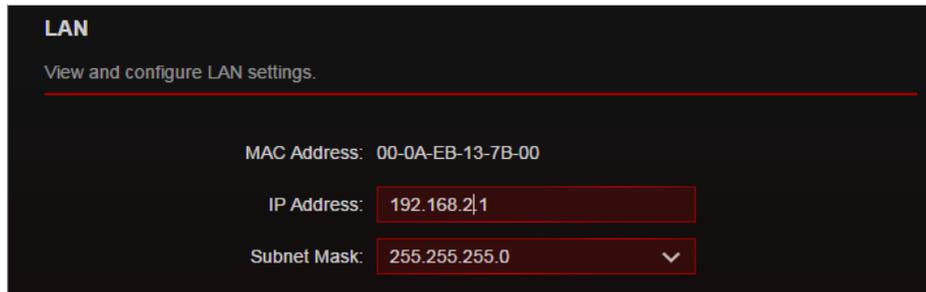
- Some ISP will register the MAC address of your computer when you access the internet for the first time through their Cable modem, if you add a router into your network to share your internet connection, the ISP will not accept it as the MAC address is changed, so we need to clone your computer's MAC address to the router.
- The MAC addresses of a computer in wired connection and wireless connection are different.

- **Modify the LAN IP address of the router.**

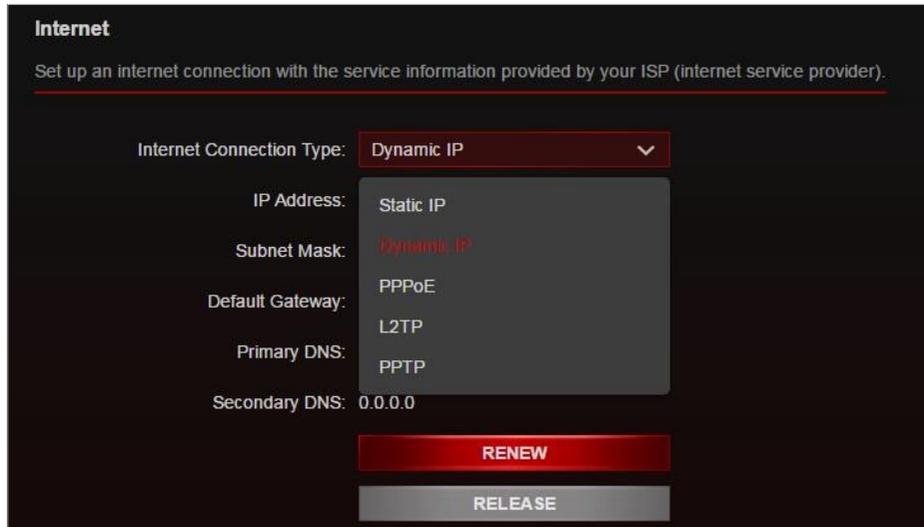
 Note:

Most TP-Link routers use 192.168.0.1/192.168.1.1 as their default LAN IP address, which may conflict with the IP range of your existing ADSL modem/router. If so, the router is not able to communicate with your modem and you can't access the internet. To resolve this problem, we need to change the LAN IP address of the router to avoid such conflict, for example, 192.168.2.1.

- 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) Modify the LAN IP address as the follow picture shows. Here we take 192.168.2.1 as an example.
- 4) Click [SAVE](#).



- Restart the modem and the router.
 - 1) Power off your modem and router, and leave them off for 1 minute.
 - 2) Power on your modem first, and wait about 2 minutes until it get a solid cable or Internet light.
 - 3) Power on the router.
 - 4) Wait another 1 or 2 minutes and check the internet access.
- Double check the internet connection type.
 - 1) Confirm your internet connection type, which can be learned from the ISP.
 - 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](#) > [Network](#) > [Internet](#).
 - 4) Select your [Internet Connection Type](#) and fill in other parameters.
 - 5) Click [SAVE](#).



6) Restart the modem and the router again.

- Please upgrade the firmware of the router.

If you've tried every method above but still cannot access the internet, please contact the technical support.

Q6. What should I do if I cannot find my wireless network or I cannot connect the wireless network?

If you fail to find any wireless network, please follow the steps below:

- Make sure the wireless function of your device is enabled if you're using a laptop with built-in wireless adapter. You can refer to the relevant document or contact the laptop manufacturer.
- Make sure the wireless adapter driver is installed successfully and the wireless adapter is enabled.
 - On Windows 7
 - 1) If you see the message [No connections are available](#), it is usually because the wireless function is disabled or blocked somehow.
 - 2) Click [Troubleshoot](#) and windows might be able to fix the problem by itself.
 - On Windows XP
 - 1) If you see the message [Windows cannot configure this wireless connection](#), this is usually because windows configuration utility is disabled or you are running another wireless configuration tool to connect the wireless.
 - 2) Exit the wireless configuration tool (the TP-Link Utility, for example).
 - 3) Select and right click on [My Computer](#) on desktop, select [Manage](#) to open Computer Management window.

- 4) Expand [Services and Applications](#) > [Services](#), find and locate [Wireless Zero Configuration](#) in the Services list on the right side.
- 5) Right click [Wireless Zero Configuration](#), and then select [Properties](#).
- 6) Change [Startup type](#) to [Automatic](#), click on Start button and make sure the Service status is [Started](#). And then click [OK](#).

If you can find other wireless network except your own, please follow the steps below:

- Check the WLAN LED indicator on your wireless router/modem.
- Make sure your computer/device is still in the range of your router/modem. Move it closer if it is currently too far away.
- Go to [Advanced](#) > [Wireless](#) > [Wireless Settings](#), and check the wireless settings. Double check your Wireless Network Name and SSID is not hidden.

Wireless Settings

Personalize settings for each band or enable Smart Connect to configure the same settings for all bands.

Smart Connect: Enable ?

2.4GHz: Enable Sharing Network

Network Name (SSID): Hide SSID

Security: ▼

Version: ▼

Encryption: ▼

Password:

Transmit Power: ▼

Channel Width: ▼

Channel: ▼

Mode: ▼

If you can find your wireless network but fail to connect, please follow the steps below:

- Authenticating problem/password mismatch:
 - 1) Sometimes you will be asked to type in a PIN number when you connect to the wireless network for the first time. This PIN number is different from the Wireless Password/Network Security Key, usually you can only find it on the label of your router.



2) If you cannot find the PIN or PIN failed, you may choose [Connecting using a security key instead](#), and then type in the [Wireless Password/Network Security Key](#).

3) If it continues to show note of [Network Security Key Mismatch](#), it is suggested to confirm the wireless password of your wireless router.

■ Note: Wireless Password/Network Security Key is case sensitive.

- Windows unable to connect to XXXX / Can not join this network / Taking longer than usual to connect to this network:
 - Check the wireless signal strength of your network. If it is weak (1~3 bars), please move the router closer and try again.
 - Change the wireless Channel of the router to 1, 6 or 11 to reduce interference from other networks.
 - Re-install or update the driver for your wireless adapter of the computer.

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FCC compliance information statement



Product Name: AX6600 Wi-Fi 6 Tri-Band Gaming Router

Model Number: ArcherGX90

Component Name	Model
I.T.E. Power Supply	S048CU1200330

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <https://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

"To comply with FCC RF exposure compliance requirements, this grant is applicable to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 27 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter."

We, TP-Link USA Corporation, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2020.5.21

FCC compliance information statement

Product Name: I.T.E. Power Supply

Model Number: S048CU1200330

Responsible party:

TP-Link USA Corporation, d/b/a TP-Link North America, Inc.

Address: 145 South State College Blvd. Suite 400, Brea, CA 92821

Website: <http://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6803

E-mail: sales.usa@tp-link.com

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

We, TP-Link USA Corporation, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2020.5.21

CE Mark Warning



This is a class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

OPERATING FREQUENCY(the maximum transmitted power)

2402 MHz -2482 MHz(20dBm)

5170MHz -5250MHz(23dBm)

5250 MHz -5330 MHz (23dBm)

5490 MHz -5710 MHz (27dBm)

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/53/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tp-link.com/en/ce>

RF Exposure Information

This device meets the EU requirements (2014/53/EU Article 3.1a) on the limitation of exposure of the general public to electromagnetic fields by way of health protection.

The device complies with RF specifications when the device used at 20 cm from your body.

National Restrictions

Attention: This device may only be used indoors in all EU member states and EFTA countries.

	AT	BE	BG	CH	CY	CZ	DE	DK
	EE	EL	ES	FI	FR	HR	HU	IE
	IS	IT	LI	LT	LU	LV	MT	NL
	NO	PL	PT	RO	SE	SI	SK	UK

Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1) L'appareil ne doit pas produire de brouillage;
- 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This radio transmitter (IC: 8853A-GX90/Model: Archer GX90) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list below, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: 8853A-GX90/Model: Archer GX90) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste ci-dessous et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Antenna List

Antenna Type	Frequency Band (MHz)	Max Antenna Gain (dBi)
Omni Antenna	2412 ~ 2462	1.42
	5150 ~ 5850	1.63

Caution:

1. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
3. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate; and

DFS (Dynamic Frequency Selection) products that operate in the bands 5250-5350 MHz, 5470-5600MHz, and 5650-5725MHz.

Avertissement:

1. Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;
2. Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant les bandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limitation P.I.R.E.;
3. Le gain maximal d'antenne permis pour les dispositifs avec antenne(s) amovible(s) utilisant la bande 5725-5850 MHz doit se conformer à la limitation P.I.R.E. spécifiée pour l'exploitation point à point et non point à point, selon le cas.

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250-5350 MHz, 5470-5600 MHz et 5650-5725 MHz.

Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 27cm between the radiator & your body.

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 27 cm de distance entre la source de rayonnement et votre corps.

Industry Canada Statement

CAN ICES-3 (B)/NMB-3(B)

Korea Warning Statements:

당해 무선설비는 운용중 전파혼신 가능성이 있음.

Explanations of the symbols on the product label

Symbol	Explanation
	DC voltage
	AC voltage
	Class II equipment
	Polarity of output terminals
	Energy efficiency Marking
	Indoor use only
	<p>RECYCLING</p> <p>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.</p> <p>User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.</p>