

Gaming Tools

The router provides a variety of gaming tools to bring you the most immersive gaming experience.
* Log in to the web management page of the router to use these gaming tools.

• Game Panel

View real-time device status on an exclusive gaming dashboard, including RGB effects, network traffic, performance, and connected USB devices. Also, your boosting games and devices are displayed.

• Game Port Forwarding

Game Port Forwarding includes built-in rules for popular online games. Simply select your game from the list and configure basic settings for it. An optimized gaming experience is just around the corner.

• Game Detector

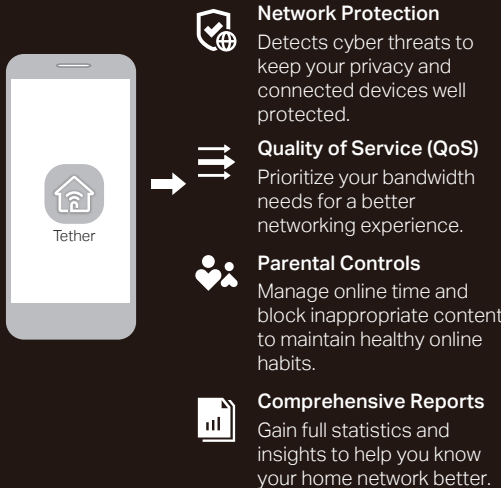
Users can see the real-time ping of their game server.

• Game Statistics

Displays your gaming record, including data traffic and the duration of every game played.

TP-Link HomeShield

TP-Link HomeShield premium security services keep your home network safe with cutting-edge features. Download the Tether app to enjoy HomeShield features.



For more details, visit
<https://www.tp-link.com/homeshield>.

EasyMesh-Compatible

You can experience strong, stable, and seamless wireless connections throughout your home with EasyMesh.

• Seamless Roaming

Connects mobile devices to your routers or extenders that provide the best coverage. Devices compatible with EasyMesh also share a single Wi-Fi name so you stay connected in every room.

• One-Click Settings

Press the WPS button on the main router and the satellite device within 2 minutes of each other, then the EasyMesh network will set up.

• Flexible Scalability

Flexibly scale your home networking with different vendors.* different topologies, different Protocols and different product categories.

*Failure may be due to firmware conflicts of different vendors. A better network connection can be established between all APs from TP-Link.

For more information, visit
<https://www.tp-link.com/easymesh/>



Scan for Setup Video

Need Help?

Q1. What should I do if I can't access the web management page?

- Reboot your router and try again.
- If the computer is set to a static IP, change its settings to obtain an IP address automatically.
- Verify that <http://tplinkwifi.net> is correctly entered in the web browser. Alternatively, enter <http://192.168.0.1> or <http://192.168.1.1> in the web browser.
- Use another web browser and try again.
- Disable and enable the network adapter in use.

Q2. What should I do if I can't access the internet?

- Power off your modem for about 5 minutes, then power it on and check the internet. If your modem has more than one Ethernet port, keep the other ports unconnected.
- Check if the internet is working normally by connecting a computer directly to the modem via an Ethernet cable. If it is not, contact your internet service provider.
- Log in to the web management page, and go to the **Network Map** page to check whether the internet IP address is valid or not. If it's valid, go to **Advanced > Network > Internet**, click **Advanced Settings**, select **Use the Following DNS Addresses**, set the primary DNS to 8.8.8.8, and set the secondary DNS to 8.8.4.4. If it is not, check the hardware connection or contact your internet service provider.

- For cable modem users, log in to the web management page of the router and go to **Advanced > Network > Internet > MAC Clone**. Select **Clone Current Device MAC** and click **SAVE**. Then reboot both the modem and the router.

Q3. What should I do if I forget my wireless password?

- If you have not changed the default wireless password, it can be found on the label at the bottom of the router.
- Connect a computer directly to the router using an Ethernet cable. Log in to the router's web management page at <http://tplinkwifi.net> and go to the **Wireless** page to retrieve or reset your wireless password.

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

- If you are using a TP-Link ID to log in, click **Forgot Password?** on the login page and then follow the instructions to reset it.
- Alternatively, press and hold the Reset button for about 10 seconds until the power LED blinks. Then visit <http://tplinkwifi.net> to create a new login password.

Q5. How should I position my router for optimal Wi-Fi performance?

- Don't place your router in a corner or in a closet.
- Avoid obstacles and high-powered appliances.

- Keep your router in a central location at a certain height.
- Keep the antennas vertical when the router is placed on a desktop. Keep the antennas upright when the router is hanging on a wall.

- For technical support, replacement services, user guides, and other information, please visit <https://www.tp-link.com/support>.

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/support/ce>
TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017. The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca>

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

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Quick Installation Guide

BE6500 Dual-Band Wi-Fi 7 Gaming Router





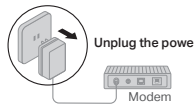
Set up with videos:

Scan the QR code or visit <https://www.tp-link.com/support/setup-video/#wi-fi-routers> to search for the setup video of your product.



1 Connect the Hardware

- **Unplug the power** to turn off your modem, if any, and remove the backup battery if it has one.
- Refer to **Q5 of Need Help?** to place the router for optimal Wi-Fi performance.



If your internet comes from an Ethernet outlet instead of a DSL / Cable / Satellite modem, connect the router's **2.5 Gbps Internet** port to it, then follow step 3 and 4 to complete the hardware connection.

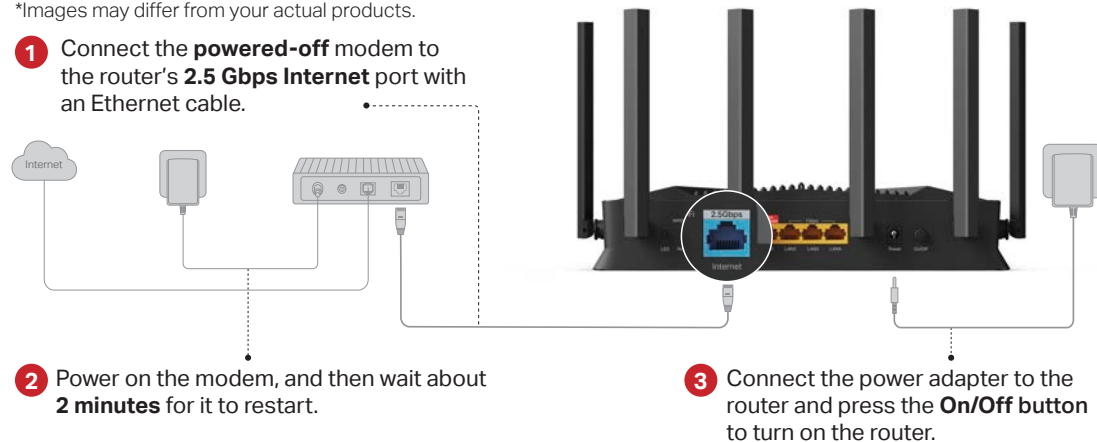
*Images may differ from your actual products.

- 1 Connect the **powered-off** modem to the router's **2.5 Gbps Internet** port with an Ethernet cable.



- 2 Power on the modem, and then wait about **2 minutes** for it to restart.

- 4 Wait until the LED of the router **blinks red** or until the **Fire RGB effect** activates before moving on.

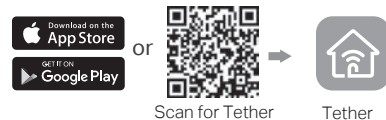


- 3 Connect the power adapter to the router and press the **On/Off** button to turn on the router.

2 Set Up the Network

Method ONE: Via the TP-Link Tether App

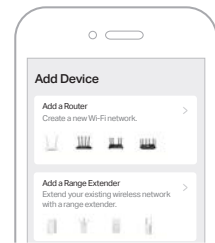
1. Download the Tether app.



2. Open the Tether app and log in with your TP-Link ID.

Note: If you don't have an account, create one first.

3. Tap the **+** button in the Tether app and select **Add a Router**. Follow the steps to complete the setup and connect to the internet.



Note: Due to Tether app updates, your actual user interface and pathway may differ from those depicted here.



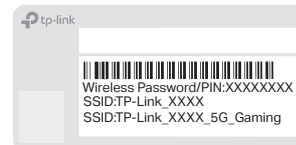
Enjoy the internet!

To enjoy a more complete service from TP-Link, bind your TP-Link ID to the router.

Method TWO: Via a Web Browser

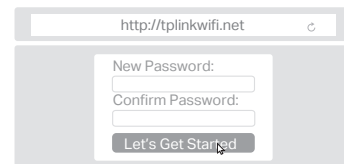
1. Connect your device to the router wirelessly or with an Ethernet cable.

The default wireless network names (SSIDs) and password are printed on the label at the bottom of the router.



2. Launch a web browser and enter <http://tplinkwifi.net> or <http://192.168.0.1> in the address bar. Create a password to log in.

Note: If the login window does not appear, please refer to **Q1 of Need Help?** in this guide.



3. Follow the step-by-step instructions to set up the internet connection and register for the TP-Link Cloud service.



Enjoy the internet!

LED & Button Explanation

- **Alternating Red & Blue**
The router is starting up.
- **Selected RGB Effect (Default: Fire effect)**
The router is working properly.
- **Blinking Red**
No internet connection.
- **Blinking Orange**
The Wi-Fi is off.
- **Blinking Yellow**
The Wi-Fi is off and there is no internet connection.
- **Blinking Blue**
The router is upgrading firmware, establishing WPS connection, or resetting to factory default settings.

Button	Description
LED	Press to turn the router's LED on or off. Press and hold for about 2 seconds to switch RGB effects.
WPS/ Wi-Fi	Press this button and immediately press the WPS button on your client device to start the WPS process. Press and hold for about 2 seconds to turn on or off the wireless function.
Reset	Press and hold this button until the LED blinks blue to restore factory default settings.
On/Off	Press to turn on or off the router.

True Gaming Acceleration

The router prioritizes and accelerates your online gaming to always run at top performance.

• Gaming Port

Automatically prioritizes your game device traffic, letting you focus on play, not battling for bandwidth.

Setup

1. Connect your gaming device to the Gaming Port of your 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 **Game Center > Game Acceleration > Game Application Boost**. Enable **Game Application Boost** and set the total bandwidth.

• Game Server Acceleration

Slash your game ping and packet loss with GPN (Gamers Private Network). A shorter path from gamers to game servers driven by real-time measurements and AI is your secret weapon for winning.

Setup

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 Acceleration**. Log in to the account of your subscribed GPN service and select the device you want to accelerate.

• Game Application Boost

Automatically detects and optimizes gaming streams to accelerate your game applications, even on a crowded network, to run at high speeds.

Setup

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 Acceleration > Game Application Boost**. Enable **Game Application Boost** and set the total bandwidth.
3. Choose **Games**.

• Gear Acceleration

Prioritize and accelerate your game devices on a crowded network to reduce game latency and boost game speed.

Setup

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 Acceleration > Gear Acceleration** and turn on **Device Priority** to prioritize internet traffic for specific devices.

• Mobile Game Acceleration

Minimize lag and latency for mobile gaming during network congestion to give yourself the edge whether you're playing solo or on a team.

Setup:

1. Launch the Tether app.
2. Go to **Game Center** and enable **Game Boost**.