

🎮 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 Detector**
Users can see the real-time ping of their game server.
- **Port Forwarding for Gamers**
Port Forwarding for Gamers 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 Panel**
View real-time device status on an exclusive gaming dashboard, including RGB effects, network traffic, performance, and connected USB devices. Also, monitor Quad Game acceleration and the performance of your games and devices.
- **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. Tap the HomeShield tab to enjoy.

| | |
|---|---|
| Network Protection Detects cyber threats to keep your privacy and connected devices well protected. | Parental Controls Manage online time and block inappropriate content to maintain healthy online habits. |
| Quality of Service (QoS) Prioritize your bandwidth needs for a better networking experience. | Comprehensive Reports Gain full statistics and insight to help you understand your home network better. |

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**
Within 2 minutes, press the WPS button on the main router and the satellite device, then the EasyMesh network is all set up. TP-Link routers in factory settings can be connected to form an EasyMesh network directly without any redundant setup.
- **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

🔗 USB Applications

With the USB port, it's easy to share files and media with multiple devices.
Visit <https://www.tp-link.com/app/usb> to learn more about the USB applications.

- **Remote Access:** Access the USB drive when you are away from home
- **Local Storage Sharing:** Share files from the USB drive with devices on your home network
- **Media Server:** Play media from the USB drive on your computer and smart devices

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

- 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.

Need Help?

- Q1. What should I do if I want to change the WAN port for internet service?
- Connect to your desired WAN port with an Ethernet cable. During the quick network setup, select the corresponding port as the internet port. Alternatively, go to **Tools > Internet Connection > Internet Port** (Tether app) or **Internet > Internet Port** (web management page) to change the internet port.
- Q2. 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.
- Q3. 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.
- Q4. 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.
- Q5. How should I position my router for optimal Wi-Fi performance?
- Keep the router vertical while working.
 - 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.
- Q6. Why can't my computer's speed reach 10 Gbps?
- Check if your computer is connected to the 10G LAN port of the router.
 - Check if the network bandwidth provided by your ISP is 10 Gbps or higher.
 - It is recommended to use Cat6/6a or above network cables to connect devices.
 - If you need help, please contact our technical support.




Quick Installation Guide

BE19000 Tri-Band Wi-Fi 7 Gaming Router



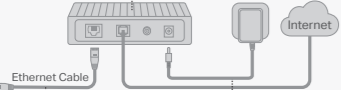
1 Connect the Hardware

- 
- Keep the router vertical while working. Refer to **Q5 of Need Help** to place the router for optimal Wi-Fi performance.
 - The combo port pairs a RJ45 port with an SFP+ port. **Only one** port in the pair can be used at a time.
- *Images may differ from your actual products.

o Connect via Ethernet

Note: If your internet comes from an Ethernet outlet instead of a modem, simply connect the router's 10 Gbps RJ45 port to it.

a. Turn off your modem, and remove the backup battery if any.



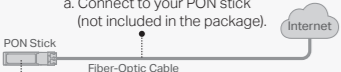
b. Connect to the router's 10Gbps RJ45 Port.

c. Turn on your modem, and wait about **2 minutes** for it to restart.

OR

o Connect via fiber

a. Connect to your PON stick (not included in the package).



b. Connect to the router's 10 Gbps SFP+ Port.

1

Connect the router's **10 Gbps Combo** port to the internet via Ethernet or fiber network.
Note: If you want to change the WAN port for internet service, refer to **Q1** of Need Help in this guide.

2

Connect the power adapter to the router and press the **Power** button to turn it on.


3

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


2 Set Up the Network


Method ONE: Via the TP-Link Tether App

1. Download the Tether app.




or





Scan for Tether




Tether

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 **Gaming Router > Archer GE800**. Follow the steps to complete the setup and connect to the internet.



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.

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 Explanation

Check the router's working status by following the LEDs.

| LED Status | Description |
|--|--|
| 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 Explanation

Physical buttons are located on the front of the router.

| | |
|---|--|
|  | Press the WPS button, and immediately press the WPS button on your client device to start the WPS process. |
|  | Press and hold this button for about 2 seconds to turn on or off the wireless function of your router. |
|  | Press this button to turn on Game Mode. Press and hold this button for about 2 seconds to turn off the Game Mode. |
|  | Press this button to turn the router's LED on or off. Press and hold this button for about 2 seconds to switch RGB effects. |

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 > QoS**. Enable **QoS** and fill in the maximum bandwidth provided by your ISP.

• **QoS**

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 > QoS**. Enable **QoS** and fill in the maximum bandwidth provided by your ISP.

3. Choose **Gaming**.

• **GPN**

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.

• **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**.