

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.

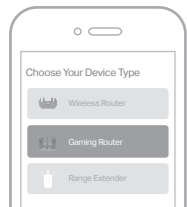
- Connect the router's **10 Gbps Combo** port to the internet via Ethernet or fiber network.
Note: If you want to change the WAN port for internet service, refer to **Q1** of Need Help in this guide.
- Connect the power adapter to the router and press the **Power** button to turn it on.
- Wait until 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

- Download the Tether app.
- Open the Tether app and log in with your TP-Link ID.
Note: If you don't have an account, create one first.
- 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

- 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.
- 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 **Q2** of Need Help in this guide.
- 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

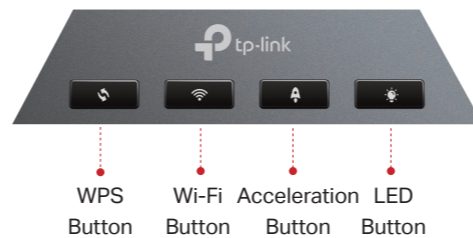
Check the router's working status by following the LEDs.



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

- Connect your gaming device to the Gaming Port of your router using an Ethernet cable.
- Visit <http://tplinkwifi.net> and log in with your TP-Link ID or the password you set for the router.
- 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

- Visit <http://tplinkwifi.net> and log in with your TP-Link ID or the password you set for the router.
- Go to **Game Center > Game Acceleration > QoS**. Enable **QoS** and fill in the maximum bandwidth provided by your ISP.
- 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

- Visit <http://tplinkwifi.net> and log in with your TP-Link ID or the password you set for the router.
- 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

- Visit <http://tplinkwifi.net> and log in with your TP-Link ID or the password you set for the router.
- 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:

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