


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 10 Gbps SFP+ port **1** and the 10 Gbps RJ45 ports **1** **2** (blue) are recommended internet (WAN) ports.
- The **combo port** pairs the 10 Gbps SFP+ port **1** with the 10 Gbps RJ45 port **1** (blue). Only one port in the pair can be used at a time.

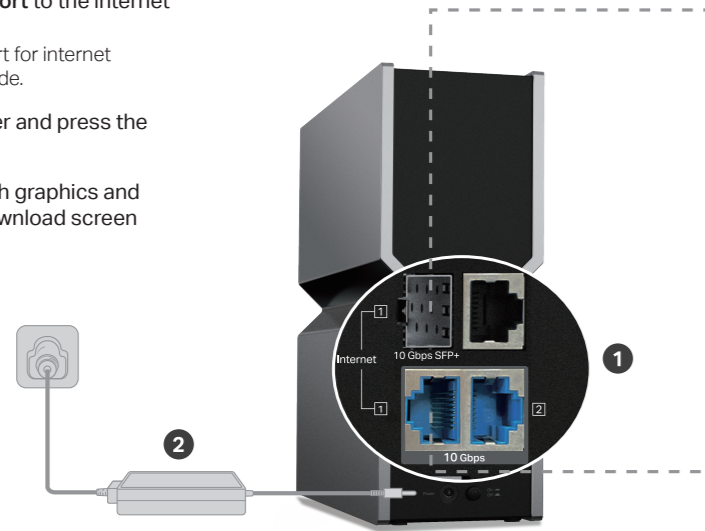
1 Connect the router's **10 Gbps combo port** to the internet via Ethernet or fiber network.
Note: If you want to change the internet port for internet service, refer to Q1 of **Need Help** in this guide.

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

3 Wait until the LED screen cycles through graphics and the touchscreen displays the Tether download screen before moving on.



*Images may differ from your actual products.



Keep the router vertical

○ Connect via fiber

a. Connect to your PON stick (sold separately).

PON Stick

Fiber-Optic Cable

Internet

b. Connect to the router's **10 Gbps SFP+ port 1**.

OR

○ 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.

Ethernet Cable

Internet

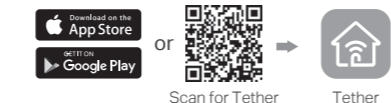
b. Connect to the router's **10 Gbps RJ45 port 1** (recommended) or **10 Gbps RJ45 port 2** (both are blue).

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

2 Set Up the Network

Method ONE: Via the TP-Link Tether App

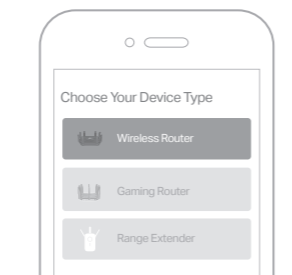
1. Download the Tether app.




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 Wireless Router > Archer BE900. 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

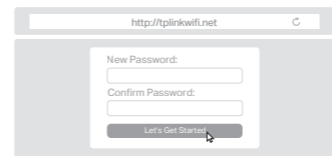
1. Connect your device to the router wirelessly or with an Ethernet cable.

The default wireless network names (SSIDs) and password are printed on the label at the back 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 **Q2** 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 Screen

Commonly used functions and information can be visually displayed: weather, graphics, time, and more.



Pulsing LEDs. The router is starting up or being reset.



Cycling graphics. The router is ready for setup.



Display the information set in Tether, and cycle through the emoji by default. The router works fine and can access the internet.



Establishing a WPS connection. If successful, a ✓ will appear, if failed, an ✕ will appear.



The router is being upgraded.



The router is disconnected from the internet.

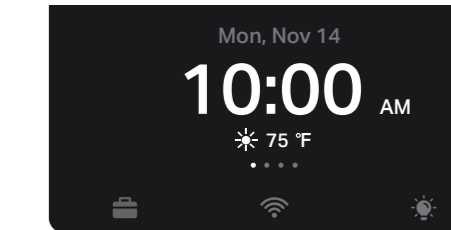


LEDs in the top are pulsing in a line, indicating Wi-Fi is off.

Touchscreen

Use the touchscreen to check basic information, network status, connected clients, guest network, and more.

Swipe the home screen to display system time, network connection, CPU & memory, and weather information.



Home Screen

Tools

Button

Wi-Fi Button

LED Button



Tap to display system tools, such as Lock Screen and Firmware Update.



Tap to display the Wi-Fi setting screens, such as Guest Network, WPS, and Wi-Fi On/Off.



Tap to display LED screen and touchscreen settings, such as adjusting the brightness and turning off the screen.

TP-Link HomeShield

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



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. 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/>

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



Scan for Setup Video

Need Help?

Q1. What should I do if I want to change the internet (WAN) port for internet service?

- Auto Internet Port is enabled by default. When enabled, any port can serve as the internet port. You can simply unplug the network cable from your original internet port, and reconnect to your desired internet port.
- If you've disabled **Auto Internet Port**, connect the network cable to your desired internet port. During the quick network setup, select the corresponding port as the internet port. Alternatively, go to **More > 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?

- 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.
- Reboot your router and try again. If the problem persists, press and hold the **Reset** button on the back until the LEDs pulse to restore factory default settings.
- For initial setup without configuring internet access, if you need to manage the router separately through a wired connection, connect to the **2.5 Gbps LAN ports (1-4)** or the **1 Gbps LAN port 5**.

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 back 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.

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.



Quick Installation Guide

BE24000 Quad-Band Wi-Fi 7 Router



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