

Make Telephone Calls via Internet

- Register the telephone number.
 - A. Visit <https://tplinkmodem.net> or <https://192.168.1.1>, and log in with the password you have set.
 - B. Go to **Advanced** > **Telephony** > **Telephone Numbers** to open the configuration page. Click **Add**.
 - C. Select **Other** from the dropdown list, enter the information provided by your telephony service provider, and click **OK** to save the settings.
- Connect your telephone to the TEL port on the back panel.

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

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/>

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 <https://tplinkmodem.net> is correctly entered in the web browser. Alternatively, enter <https://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?
- Make sure that all cables are connected properly and securely to the router.
 - Check the Fiber LED and make sure that it is lit and stable, indicating that the router is registered with the ISP. If not, make sure that the provided PON SN and/or PON Password are entered correctly in the **Advanced** > **Network** > **PON** Settings page.
 - Disconnect and reconnect the fiber cable to the router. Wait for 2 minutes and try again.
 - Make sure that the computer connected to the router is set to obtain an IP address automatically.
 - Contact your ISP if the problem still exists.
- 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 <https://tplinkmodem.net> and go to the **Wireless** page to retrieve or reset your wireless password.
- Q4. 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.
- Q5. 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 or above network cables to connect devices.
 - If you need help, please contact our technical support.

Safety Information

- 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.



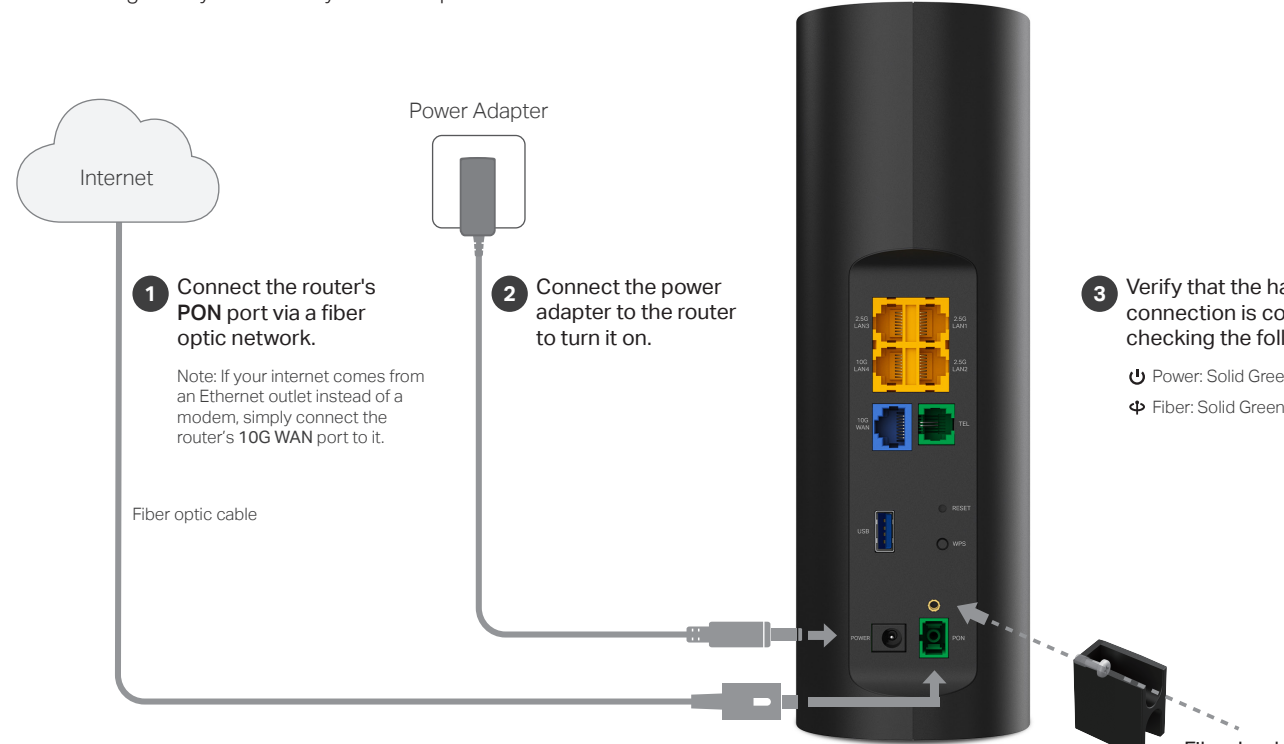
Quick Installation Guide

BE19000 Tri-Band Wi-Fi 7 XGS-PON Router



1 Connect the Hardware

- Keep the router vertical while working. Refer to Q4 of Need Help to place the router for optimal Wi-Fi performance.
- Images may differ from your actual products.



4 (Optional) To ensure a stable fiber optic connection, you can install the Fiber Lock provided in the package.

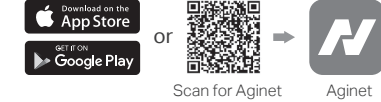
- Before starting, turn off the router's power supply to prevent equipment damage caused by static electricity or accidental touches.
- Fully insert the fiber optic cable into the PON port and confirm that the Fiber indicator light is constantly lit (indicating a normal connection).
- Align the bottom slot of the Fiber Lock with the screw holes above the PON port and secure it using the accompanying screws.
- Verify the fixation: Gently pull on the fiber optic cable to ensure it cannot be pulled out. If it feels loose, retighten the screws.

Notes:
1. Do not forcefully bend or pull the fiber optic cable without installing the Fiber Lock.
2. When dismantling, do not directly pull on the fiber optic cable; first unscrew the Fiber Lock.

2 Set Up the Network

Method ONE: Via the TP-Link Aginet App

1. Download the Aginet app.



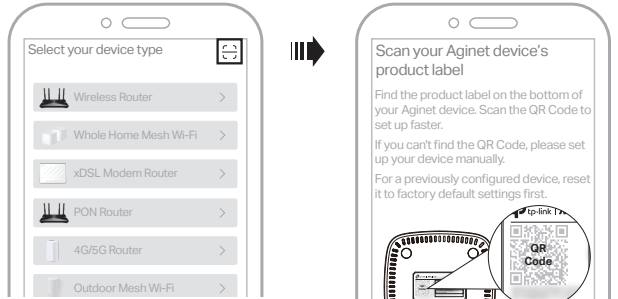
2. Open the Aginet app and log in with your TP-Link ID.

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

3. Set up your network

Tap Create a Network and find the product label on the bottom of your Aginet device.

For product labels that have a QR code, tap Scan icon and scan it to set up faster.



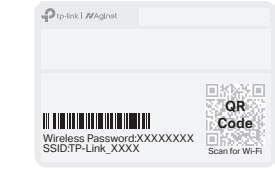
Enjoy the internet!

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

Method TWO: Via a Web Browser

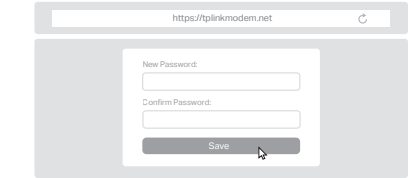
1. Connect your device to the router wirelessly or with an Ethernet cable, or simply scan the QR code.

The QR code, 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 <https://tplinkmodem.net> or <https://192.168.1.1> 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 Indicators

Commonly used functions and information can be visually displayed.

LED	Status	Indication
Power	On Off	Power is on. Power is off.
Fiber	Solid Green Flashing Green Solid Red Flashing Red	The router is registered with the OLT. The router is trying to register with the OLT. The power of the optical module transmitter is turned off. No optical signal is received or the received signal is too weak.
Internet	Solid Green Flashing Green Solid Red Off	The Internet connection is available. The authentication is in progress. The authentication is failed. No Internet connection or the router works on Bridge mode.
2.4G	On Flashing Off	The 2.4GHz wireless radio band is enabled. A wireless device is trying to connect to the network via WPS. This Process may take up to 2 minutes. The 2.4GHz wireless radio band is disabled.
5G	On Flashing Off	The 5GHz wireless radio band is enabled. A wireless device is trying to connect to the network via WPS. This Process may take up to 2 minutes. The 5GHz wireless radio band is disabled.
6G	On Off	The 6 GHz wireless function is working properly. The 6 GHz wireless function is disabled.
LAN	On Off	A device is connected to the LAN port. No device is connected to the LAN port.
PHONE	Solid Green Flashing Green Slowly Flashing Green Quickly Alternating Red & Green Solid Red Off	The SIP account registration succeeded. The phone is on-hook and there are voice messages. The phone is ringing. At least one SIP account registration failed. The SIP account registration failed. No SIP account is registered.
USB	On Flashing Off	The USB device is ready to use. A new USB device is being identified. No USB device is plugged into the USB port.

Button Explanation

Three physical buttons are located on the back of the router.

Button	Explanation
WPS	Press the button, and within 2 minutes press the WPS button on your client to start the WPS process.
Reset	Press and hold the button for about 5 seconds until the Power LED blinks to reset the router to its factory default settings.

For technical support, user guides, and other information, please visit <https://www.tp-link.com/en/support/download/>, or scan the QR code.

