Quick Installation Guide

N300 Wireless Gigabit VDSL/ADSL
Modem Router

TD-W9977

1.Connect the Hardware

Phone Jack

Phone Cable

1

LINE

DSL Splitter

PHONE   MODEM

Phone Cable

Phone (Optional)

2

If you don't need the phone service, just directly connect the modem router to the phone jack with the provided phone cable, then follow steps 3 and 4 to complete the hardware connection.

Modem Router

On/Off

3 Push in to turn on the modem router.

Power Adapter

4 Verify that the following LEDs turn stable before continuing with the configuration.

⏻ Power On

ϕ DSL On

📶 Wireless On

Notes:
1. The DSL LED ⏻ takes about 1 to 2 minutes to stabilize.
2. If the Wireless LED 📶 is off, please press the Wi-Fi button on the rear panel, then the LED should turn on in a few seconds.

## 2.Configure the Modem Router

Before You Start

1. You'll usually need an internet service username and password, given to you by your internet service provider (ISP) when you first signed up with them. If you are unsure, please check with your ISP.

2. Find the SSID (network name) and Wireless Password printed on the product label at the bottom of the modem router.

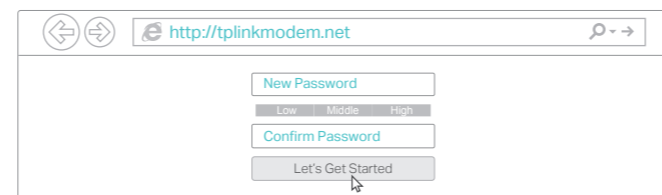Wireless Password/PIN:XXXXXXXX
SSID:TP-LINK_XXXX
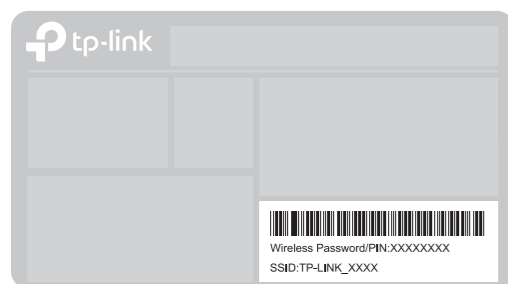
Method 1: Via Web Browser

1. Connect your device to the router using an Ethernet cable or wirelessly.
   SSID (network name) and Wireless Password are on the product label at the bottom of the modem router.

   Ethernet Cable
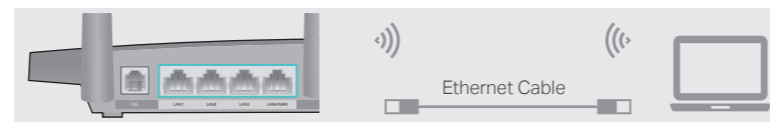
2. Launch a web browser and type in http://tplinkmodem.net or 192.168.1.1. Create a password and get started.
   Note: If the login page does not appear, please refer to FAQ > Q1.

   http://tplinkmodem.net

   New Password
   Low   Middle   High
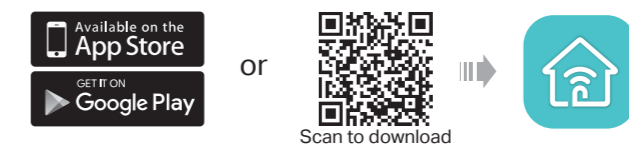   Confirm Password
   Let's Get Started

3. Follow the step-by-step instructions to set up an internet connection.

   ☺ Now you can enjoy your internet.

Method 2: Via TP-Link Tether App

1. Download the TP-Link Tether app.

   Available on the App Store   or   GET IT ON Google Play
   Scan to download

2. Connect your smartphone to the router.
   SSID (network name) and Wireless Password are on the product label at the bottom of the modem router.

3. Launch the Tether app and select TD-W9977.

   Device
   Local Device
   TD-W9977
   50-C7-BF-02-EA-DC

4. Follow the steps to connect to the internet.

   ☺ Now you can enjoy your internet.

Already have a modem?

If you already have a modem or your internet comes directly from an Ethernet wall outlet, you can switch to Wireless Router mode. Follow the steps below to set up.

1. Connect the hardware and wait until the Power LED ⏻ becomes stable.
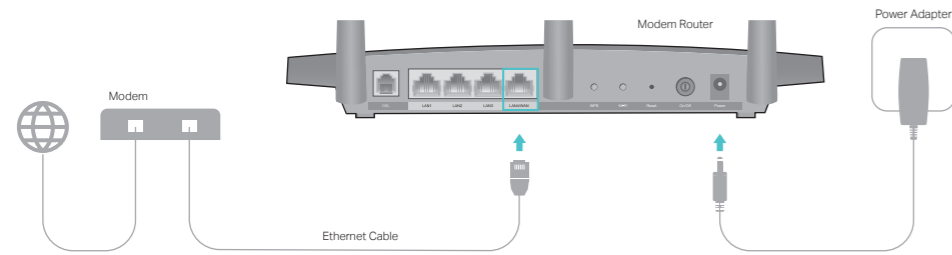

2. Connect your device to the router via an Ethernet cable or wirelessly.
   SSID (network name) and Wireless Password are on the product label at the bottom of the modem router.

3. Launch a web browser and type in **http://tplinkmodem.net** or **192.168.1.1**. Create a password for router management and get started.
   Note: If the login page does not appear, please refer to FAQ > Q1.

4. Follow the Quick Setup and select **Wireless Router Mode** to connect to the internet.
   If there is no **Operation Mode** selection page in the Quick Setup, go to the **Advanced** > **Operation Mode** page and switch to **Wireless Router Mode**, then go to **Basic** > **Internet** to finish the set up.

   ☺ Now you can enjoy the internet.

Button Legend
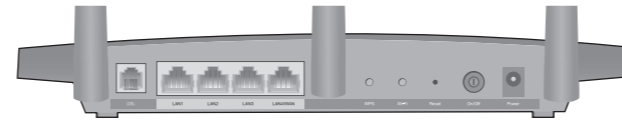
Button	Description
WPS	Press to start a WPS synchronization.
Wi-Fi	Press to turn Wi-Fi on or off.
Reset	Press and hold down for 8 seconds to reset the modem router to factory default settings.
On/Off	Press to power on or off the modem router.

Support

📖 For detailed configuration instructions and more supported features (including Guest Network, Parental Controls and Bandwidth Control) please refer to the User Guide available from this product's support page at www.tp-link.com.

📞 For technical support and other information, please visit
http://www.tp-link.com/support.

LED Indicators

LED	Status	Indication
⏻ Power	On Flashing Off	The system has started up successfully. The system is starting up or firmware is being upgraded. Do not disconnect or power off your modem router. Power is off.
🜨 DSL	On Flashing Off	DSL synchronization is complete. DSL synchronization is in progress. DSL synchronization failed.
🜨 Internet	On Off	The modem router is connected to the internet. There is no internet connection or the modem router is operating in Bridge mode.
📶 Wireless	On Off	The wireless function is enabled. The wireless function is disabled.
⟲ WPS	On/Off Flashing	This light remains on for 5 minutes when a WPS connection is established, then turns off. WPS connection is in progress. This may take up to 2 minutes.
🖥 LAN	On Off	The LAN port is connected to a powered-on device. The LAN port is not connected to a powered-on device.

FAQ (Frequently Asked Questions)

Q1. What should I do if I cannot access the web management page?
A1. If the computer is set to a static IP address, change its settings to obtain an IP address automatically.
A2. Make sure http://tplinkmodem.net or http://192.168.1.1 is correctly entered in the web browser.
A3. Use another web browser and try again.
A4. Reboot your modem router and try again.
A5. Disable then enable the network adapter in use.

Q2. What should I do if the DSL LED 🜨 does not turn solid on?
A1. Check your cables and make sure they are all plugged in correctly, including the telephone lines and power adapter.
A2. Restore your modem router to its factory default settings.
A3. Remove the DSL splitter, directly connect the modem router to the phone jack and follow this guide to reconfigure the modem router.
A4. Contact your ISP (internet service provider) to check the status of your DSL line.
A5. If the problem persists, contact our Technical Support.

Q3. What should I do if I cannot access the internet?
A1. Make sure all telephone and Ethernet cables are correctly and securely connected to the modem router.
A2. Try to log in to the web management page of the modem router using the default address at http://tplinkmodem.net or http://192.168.1.1. If you cannot, change your computer settings to obtain an IP address automatically from the modem router. If you can, try the steps below.
A3. Ask your internet service provider for the VPI/VCI (or VLAN ID), Connection Type, internet service username and password, and make sure all are correctly entered into your router's management page.
A4. Restore the modem router to its factory default settings and reconfigure it by following the instructions in this guide.
A5. Please contact our Technical Support if the problem persists.

**Q4. What should I do if I forget my password?**
• For the web management page:
  Restore the modem router to its factory default settings and then set a new password.

• For the Wi-Fi network:
A1. The default Wi-Fi Password/PIN can be found on the product label at the bottom of the modem router.
A2. If the default wireless password has been changed, log in to the web management page and go to **Basic** > **Wireless** to retrieve or reset your password.

Q5. How do I restore the modem router to its factory default settings?
A1. With the modem router powered on, press and hold the **Reset** button on the rear panel of the modem router for approximately 8 seconds until all LEDs turn back on, then release the button.
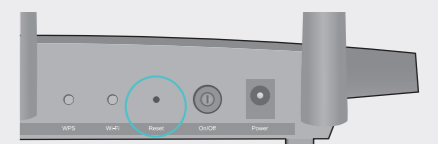
Reset Button: Press & Hold for 8 Seconds

A2. Log in to the web management page of the modem router. Go to **Advanced** > **System Tools** > **Backup & Restore** and click **Factory Restore**. The modem router will restore and reboot automatically.