tp-link

Quick Installation Guide

300Mbps Wireless N Nano Router

TL-WR802N

EAC

7106508366   REV4.1.0

Operation Mode

Scene	Operation Mode	Application
Travel	Wireless Router	To share a wired (Ethernet) connection to wireless devices, such as in a hotel room, small office and so on.
	WISP (Hotspot)	To create your personal Wi-Fi hotspot from a public Wi-Fi network such as in a hotel room, on a trade show and so on.
Home	Range Extender	To extend the range of an existing Wi-Fi network.
	Client	To enable your wired device (such as Blu-ray® players, smart TVs, or game consoles) to connect to a Wi-Fi network.
	Access Point	To transform an existing wired (Ethernet) network to a Wi-Fi network.

During Travel

• Wireless Router (Default)
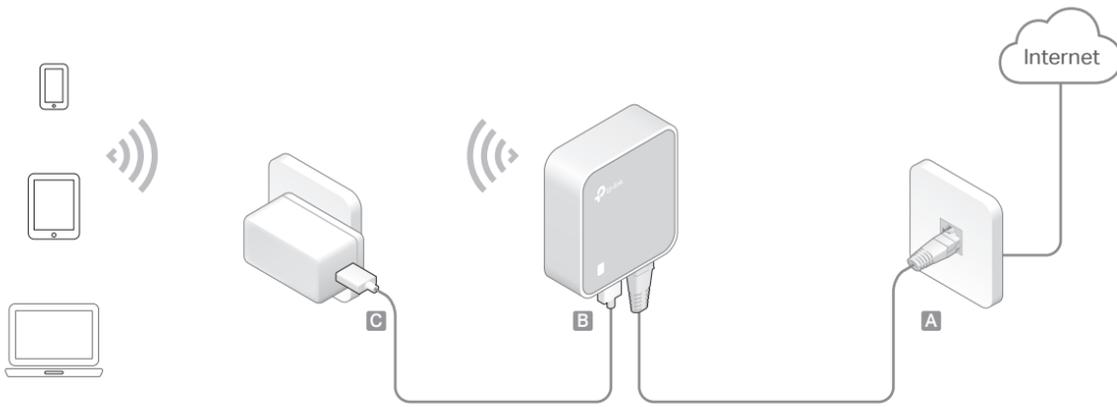
Internet

1. Connect the router according to Step A to C in the left diagram.
2. Use the default Wi-Fi name (SSID) and password printed on the Wi-Fi Info Card or on the product label at the bottom of your router to connect to the Wi-Fi.
   Check the internet connection on your laptop or smartphone, and please note that:
   - If you can access the internet without any restriction, no other configuration is required.
   - If you're redirected to an authentication page, please complete the following steps to access the internet.
3. Launch a web browser and type http://tplinkwifi.net in the address bar. Enter admin (in lowercase) for both username and password to log in.
4. Click Next to start the Quick Setup. Select Wireless Router and click Next.
5. Select the WAN Connection Type and follow the step-by-step instructions to configure the parameters. When using the router in a hotel room or a small office, please select Dynamic IP.
6. On the Wireless page, either keep the default Wireless Network Name and Wireless Password or customize them, and then click Next.
7. Click Save to complete the configuration.

> (!) If you have changed the default Wi-Fi name and password, please reconnect your wireless devices to the new one.

• WISP (Hotspot)
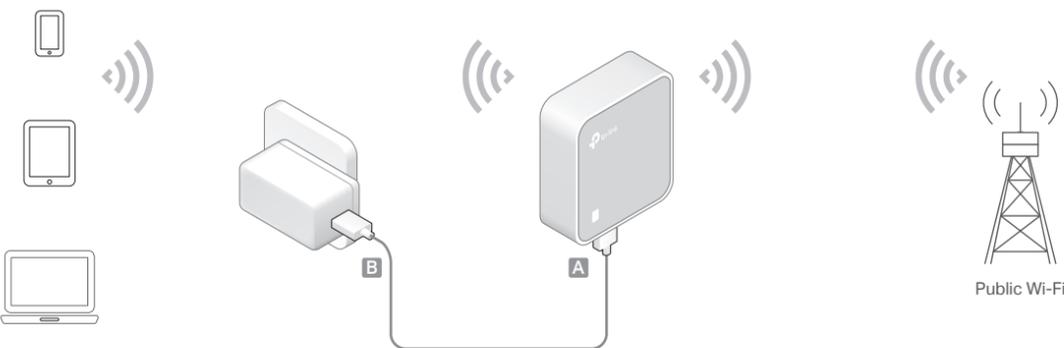
Public Wi-Fi

1. Connect the router according to Step A to B in the left diagram.
2. Use the default Wi-Fi name (SSID) and password printed on the Wi-Fi Info Card or on the product label at the bottom of your router to connect to the Wi-Fi.
3. Launch a web browser and type http://tplinkwifi.net in the address bar. Enter admin (in lowercase) for both username and password to log in.
4. Click Next to start the Quick Setup. Select WISP and click Next.
5. Select the WAN Connection Type and follow the step-by-step instructions to configure the parameters. When using the router in a hotel room or a small office, please select Dynamic IP.
6. Select the public Wi-Fi that you want to connect to, and click Next.
7. Type in the public Wi-Fi's password. In the AP Setting section, customize your Wi-Fi network name and password, then click Next.
8. Click Finish to complete the configuration.

> (!) If you have changed the default Wi-Fi name and password, please reconnect your wireless devices to the new one.

Other Information

Ports and LED:

LED
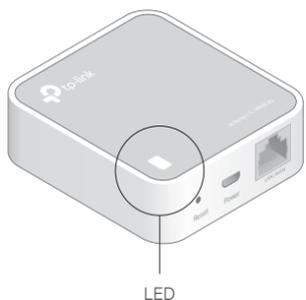
LED Status	Indication
Solid	The router is connected to the host Wi-Fi network or internet.
Blinking	Blinking steadily: The router is disconnected from the host Wi-Fi network or internet.
	Blinking irregularly: The router is booting or updating firmware.

Port	Description
LAN/WAN	This port functions as the WAN port in Wireless Router mode and as the LAN port in WISP, Range Extender and Client modes.
	This port is for connecting to the existing router in Access Point mode.
Power	Connect to a USB charger, power adapter or computer USB port via the USB cable for power supply.
Reset	Use a pin to press and hold the Reset button until the LED blinks.

Find default Wi-Fi name (SSID) and password on:

• **Wi-Fi Info Card:**

Wi-Fi Name(SSID): TP-Link_XXXX
Wi-Fi Password/PIN: XXXXXXXX

• **Product Label:**

SSID:TP-Link_XXXX   Wireless Password /PIN   XXXXXXXX

Using Amazon Fire TV Stick or Chromecast when traveling:

TV
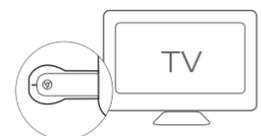
(icon) Connect your laptops, smartphones or tablets to the router.

(TV) Plug the HDMI streaming stick directly into the hotel TV.

(icon) Follow the onscreen instruction to connect to the router's Wi-Fi.

(icon) Enjoy streaming content on the TV.

• Range Extender
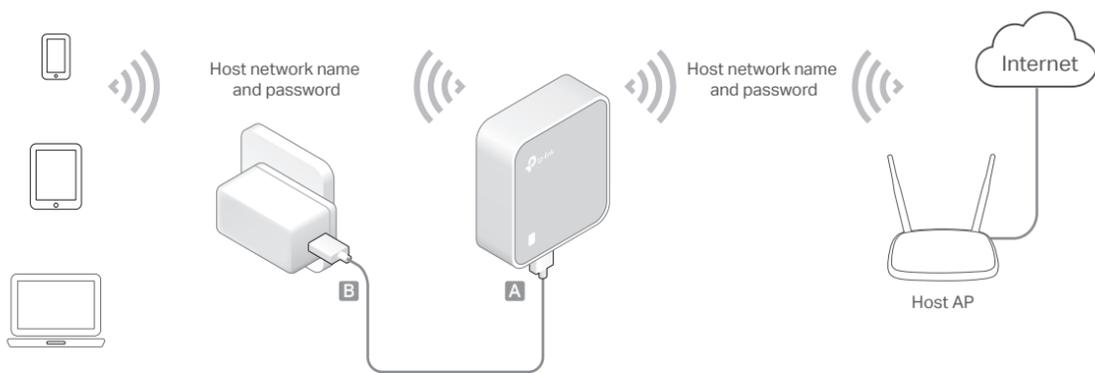
Host network name and password

Host network name and password

Internet

Host AP

1. Connect the router according to Step **A** to **B** in the left diagram.
2. Use the default Wi-Fi name (SSID) and password printed on the Wi-Fi Info Card or on the product label at the bottom of your router to connect to the Wi-Fi.
3. Launch a web browser and type **http://tplinkwifi.net** in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
4. Click **Next** to start the Quick Setup. Select **Range Extender** and click **Next**.
5. Select the Wi-Fi network you want to connect to and click **Next**.
6. Type the Wi-Fi network's password in the **Password** field, and customize the **Wireless Name of Range Extender**, or copy from the root AP. Then click **Next**.
7. Select the **Type** of the router or leave **Smart IP** as the default setting for most cases, and click **Next**.
8. Click **Finish** to complete the configuration.

> ⚠ The extended network shares the same network name and password as those of your host network.

• Client
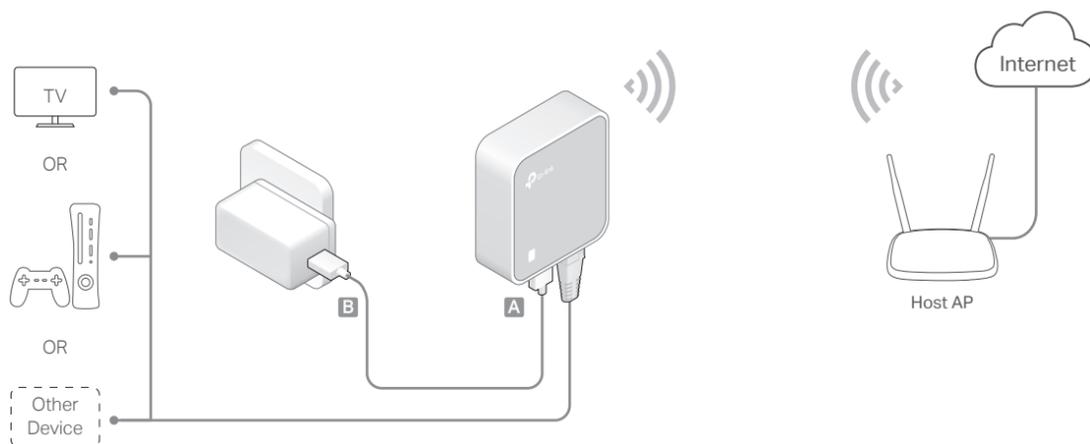
TV

OR

OR

Other Device

Internet

Host AP

1. Connect the router according to Step **A** to **B** in the left diagram.
2. Use the default Wi-Fi name (SSID) and password printed on the Wi-Fi Info Card or on the product label at the bottom of your router to connect to the Wi-Fi.
3. Launch a web browser and type **http://tplinkwifi.net** in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
4. Click **Next** to start the Quick Setup. Select **Client** and click **Next**.
5. Select the Wi-Fi network you want to connect to and click **Next**.
6. Type the Wi-Fi network's password in the **Password** field and click **Next**.
7. Select the **Type** of the router or leave **Smart IP** as the default setting for most cases, and then click **Next**.
8. Click **Finish** to complete the configuration, and then your Ethernet-only device can access the internet.

• Access Point Mode
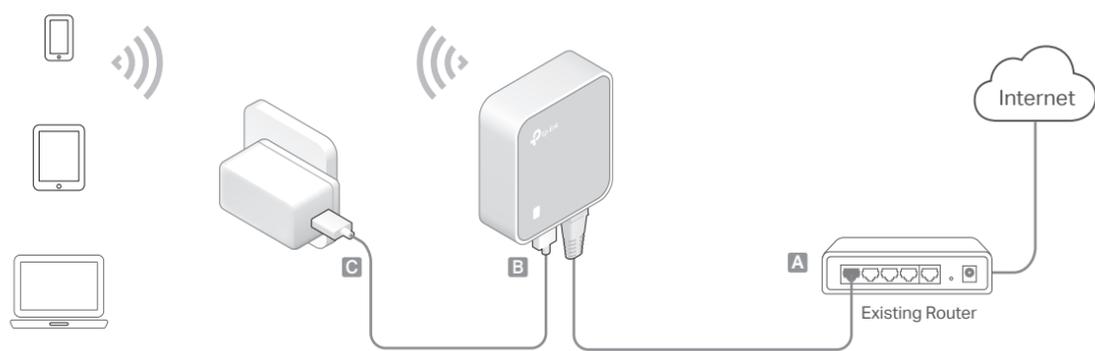
Internet

Existing Router

1. Connect the router according to Step **A** to **C** in the left diagram.
2. Use the default Wi-Fi name (SSID) and password printed on the Wi-Fi Info Card or on the product label at the bottom of your router to connect to the Wi-Fi.
3. Launch a web browser and type **http://tplinkwifi.net** in the address bar. Enter **admin** (in lowercase) for both username and password to log in.
4. Click **Next** to start the Quick Setup. Select **Access Point** and click **Next**.
5. Keep the default **Wireless Network Name** and **Wireless Password** or customize them, and then click **Next**.
6. Select the **Type** of the router or leave **Smart IP** as the default setting for most cases, and then click **Next**.
7. Click **Finish** to complete the configuration.

> ⚠ If you have changed the default Wi-Fi name and password, please reconnect your wireless devices to the new one.

Frequently Asked Questions (FAQ)

Q1. What should I do if I cannot access the internet?
- If using a cable modem, unplug the Ethernet cable and reboot the modem. Wait until its LED is on and stable, and then reconnect the Ethernet cable to the modem.
- If you're in a hotel room or on a trade show, the internet may be limited and requires that you authenticate for the service or purchase the internet access.
- If your internet access is still unavailable, contact TP-Link Technical Support.

Q2. How do I restore the router to its factory default settings?
- With the router powered on, use a pin to press and hold the **Reset** button for about 5 seconds until the LED blinks.

> ⚠ Upon resetting, all previous configuration will be cleared, and the router will reset to the default Wireless Router mode.

Q3. What should I do if I forget my web management password?
- Refer to FAQ > Q2 to reset the router, and then use the default **admin** (all lowercase) for both username and password to log in.

Q4. What should I do if I forget my Wi-Fi password?
- If you have not changed the default Wi-Fi Password, it can be found on the Wi-Fi Info Card or on the product label at the botton of your router.
- Connect a computer to the router via an Ethernet cable. Log in to the web management page, and go to **Wireless > Wireless Security** to retrieve or reset your Wi-Fi password.

Q5. What can I do if my wireless signal is unstable or weak?
It may be caused by too much interference.
- Set your wireless channel to a different one.
- Choose a location with less obstacles that may block the signal between the router and the host AP. An open corridor or a spacious location is ideal.
- Move the router to a new location away from Bluetooth devices and other household electronics, such as cordless phones, microwaves, and baby monitors, to minimize signal interference.
- When in Range Extender mode, the ideal location to place the router is about halfway between your host AP and the Wi-Fi dead zone. The location you choose must be within the range of your existing host network.

📞 For technical support, the user guide and more information, please visit https://www.tp-link.com/support