TP-LINK
The Reliable Choice

Quick Installation Guide

300Mbps Wireless N Nano Router
MODEL NO. TL-WR802N

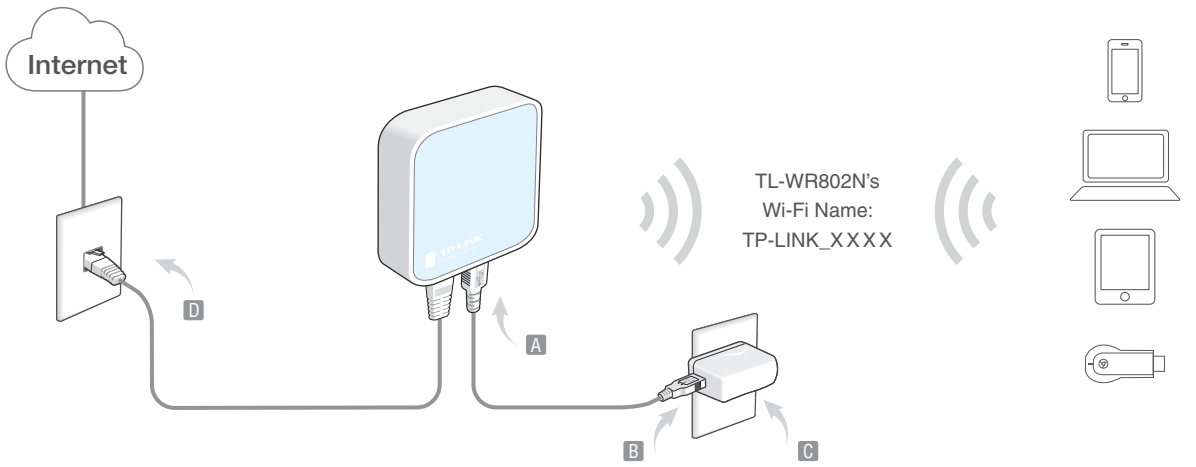
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Determine Operation Mode

	Operation Modes	Application
Travel	Wireless Router	To share a wired (Ethernet) connection to wireless devices, such as in a hotel room, small office, etc.
	Hotspot Router	To create your personal Wi-Fi hotspot from a public Wi-Fi network such as in a hotel room, trade show, etc.
Home	Range Extender	To extend the range of an existing Wi-Fi network.
	Client	To function as a wireless adapter to connect your wired device (e.g. Blu-ray® player, smart TV, or game console) to a wireless network.
	Access Point	To set up a Wi-Fi network from an existing wired (Ethernet) network.

During Travel

• Wireless Router (Default)



1 Connect the router according to steps **A** to **D** in the left diagram.

2 Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.

Check the Internet connection on your laptop or smartphone, and please note that:
- If you can access Internet without any restriction, no other configuration is required.
- If you're redirected to a splash page authentication, please complete it to access the Internet.
- If you want to customize your own wireless network, continue with the steps below.

3 Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password.

4 Click **Quick Setup** on the left panel, and click Next to start configuring the router. Select **Wireless Router** mode and click Next.

5 Select the **WAN Connection Type** of your Internet Service Provider and follow the screen 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 screen, either keep the default **Wireless Network Name** and **Wireless Password** or customize them, then click Next.

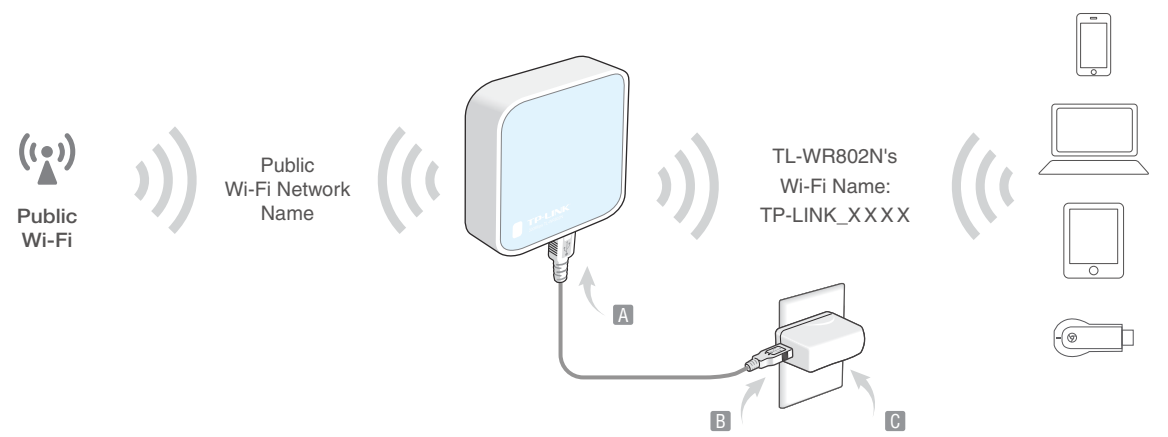
7 Click Finish to complete the configuration.

8 **Please note the additional steps to be completed once the Nano router is rebooted.**

If you change the default Wi-Fi name and password, you will need to reconnect your wireless devices to the new Wi-Fi network.

• Hotspot Router

Tips: In this mode, devices can connect to the Internet via the LAN port and wireless simultaneously.



1 Connect the router according to steps **A** to **C** in the left diagram.

2 Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.

3 Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password.

4 Click **Quick Setup** on the left panel, and click Next to start configuring the router. Select **Hotspot Router** mode and click Next.

5 Select the **WAN Connection Type** of your Internet Service Provider and follow the screen 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 password when prompted. In the AP settings section, customize your Wi-Fi network name and password, then click Next.

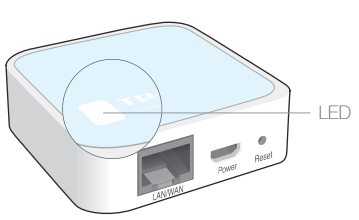
8 Click Finish to complete the configuration.

9 **Please note the additional steps to be completed once the Nano router is rebooted.**

If you change the default Wi-Fi name and password, you will need to reconnect your wireless devices to the new Wi-Fi network.

Other Information

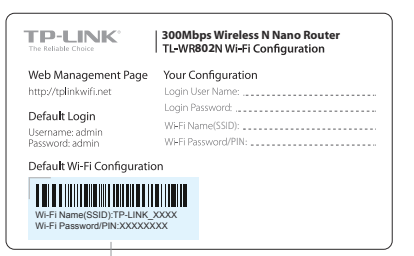
Router Ports and LED:



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

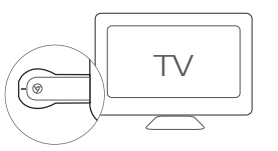
Port	Description
LAN/WAN	Functions as the LAN port in Hotspot Router, Range Extender, and Access Point mode. Functions as the WAN port in Wireless Router mode.
Power	Connects to a USB charger, power adapter or computer USB port via the provided Micro-USB cable for power supply.
Reset	Resets the router to its factory default settings, please refer to Frequently Asked Questions (FAQ) for instruction.

Wi-Fi Info Card:


TP-LINK
The Reliable Choice
300Mbps Wireless N Nano Router
TL-WR802N Wi-Fi Configuration
Web Management Page
http://tplinkwifi.net
Default Login
Username: admin
Password: admin
Your Configuration
Login User Name:
Login Password:
Wi-Fi Name(SSID):
Wi-Fi Password/PIN:
Default Wi-Fi Configuration
Wi-Fi Name(SSID):TP-LINK_XXXX
Wi-Fi Password/PIN:XXXXXXXX

Use the default Wi-Fi Name and password to connect wirelessly.

Using Amazon Fire TV Stick or Chromecast when traveling:



Connect your laptop, smartphone or tablet to the router.

Plug the HDMI streaming stick directly into the hotel TV.

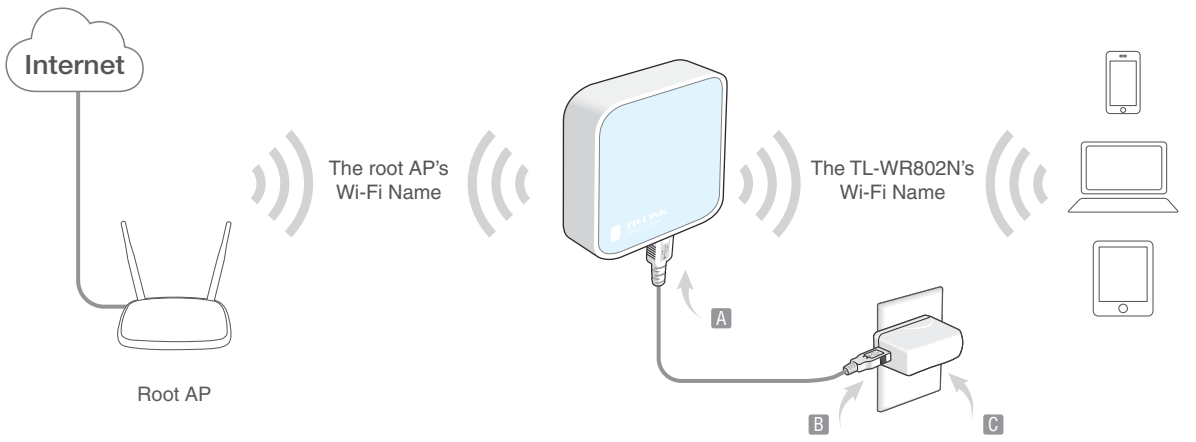
Follow the onscreen instruction to connect to the router's Wi-Fi.

Enjoy streaming content on the TV.

At Home

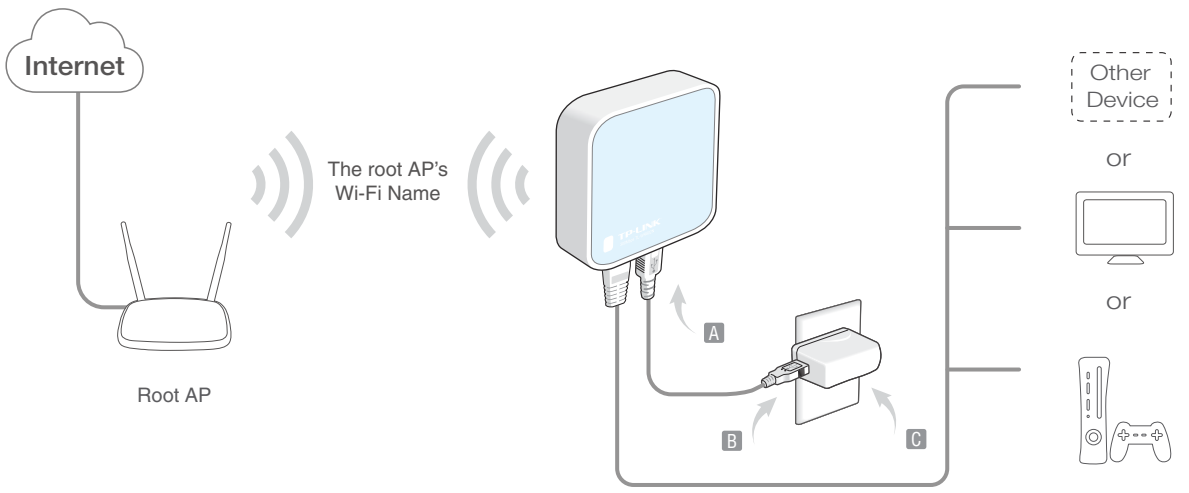
• Range Extender

Tips: In this mode, devices can connect to the Internet via the LAN port and wireless simultaneously.



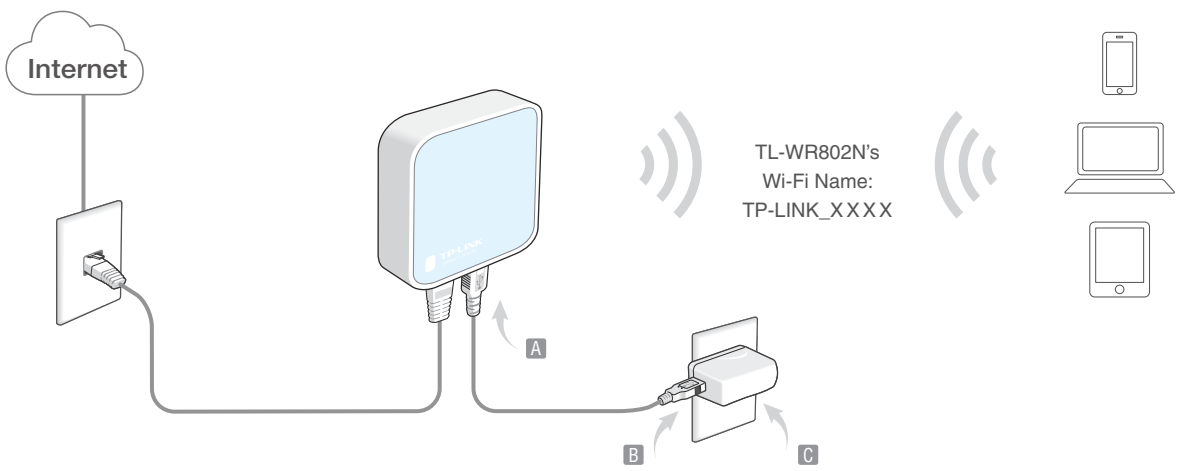
1. Connect the router according to steps **A** to **C** in the left diagram.
2. Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
3. Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password.
4. Click **Quick Setup** on the left panel, and click Next to start configuring the router. Select **Range Extender** mode 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 into the **Root AP Wireless Password** field, and customize the **Wireless Name of Range Extender**, or you can copy from the root AP. Click Next.
7. Select the LAN IP type of the router or you can leave Smart IP as the default setting for most cases, and click Next.
8. Click Finish to complete the configuration.
9. **Please note the additional steps to be completed once the Nano router is rebooted.**

• Client



1. Connect the router according to steps **A** to **C** in the left diagram.
2. Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
3. Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password.
4. Click **Quick Setup** on the left panel, and click Next to start configuring the router. Select **Client** mode 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 into the **Root AP Wireless Password** field and click Next.
7. Select the LAN IP type of the router or you can leave Smart IP as the default setting for most cases, and click Next.
8. Click Finish to complete the configuration.
9. **Please note the additional steps to be completed once the Nano router is rebooted.**

• Access Point Mode



1. Connect the router according to steps **A** to **C** in the left diagram.
2. Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
3. Launch a web browser and type **http://tplinkwifi.net** into the address bar. Enter **admin** (in lowercase) for both user name and password.
4. Click **Quick Setup** on the left panel, and click Next to start configuring the router. Select **Access Point** mode and click Next.
5. On the **Wireless Setting** screen, either keep the default **Wireless Network Name** and **AP Wireless Password** or customize them, then click Next.
6. Select the LAN IP type of the router or you can leave Smart IP as the default setting for most cases, and click Next.
7. Click Finish to complete the configuration.
8. **Please note the additional steps to be completed once the Nano router is rebooted.**

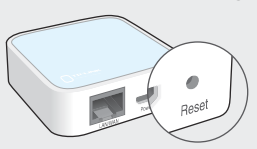
Frequently Asked Questions (FAQ)

Q1. How do I recover the router's web management password or retrieve my Wi-Fi password?

- If you forget both the password required to access the router's web management and your Wi-Fi password, you must restore the router to its factory default settings.
- If you forget your Wi-Fi password, but are able to access the router's management interface, connect a computer or mobile device to the router via wired or wireless. Log in and go to Wireless > Wireless Security to retrieve or reset your Wi-Fi password.

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 five seconds until the LED starts flashing, then release the button.



Upon resetting, all previous configurations will be cleared, and the router will reset to the default Router Mode.

Q3. What can I do if there is no Internet access?

- If using a cable modem, unplug the Ethernet cable and reboot the modem. Wait until its Online LED is On and stable, then reconnect the Ethernet cable to the router again.
- If you're in a hotel room or a trade show, the Internet may be restricted and requires that you authenticate to the service or purchase the Internet access.
- If your Internet access is still not available, contact TP-LINK Technical Support.

Q4. What can I do if my wireless keeps dropping?

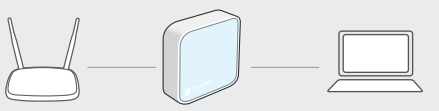
It may be caused by too much interference.

- Set your wireless channel to another one and far away from the original channel.
- Change the AP device's location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.

Q5. What can I do to maximize my signal strength?

When choosing an ideal location to optimize wireless signal in Range Extender mode, please use the following recommendations.

- **The Best Way is Halfway**
  Generally, the ideal location to place the Nano router is halfway between your wireless router and your Wi-Fi devices. If that is not possible, place the router closer to your wireless router to ensure stable performance.



- **Less Obstacles Ensure Better Performance**
  Choose a location with less obstacles that may block the signal between the Nano router and the main router. An open corridor or a spacious location is ideal.
- **Less Interference Provides More Stability**
  Choose a location away from Bluetooth devices and other household electronics, such as cordless phone, microwave, and baby monitor, etc., to minimize signal interference.

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