

Quick Installation Guide

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

REV1.0.4
7106505657

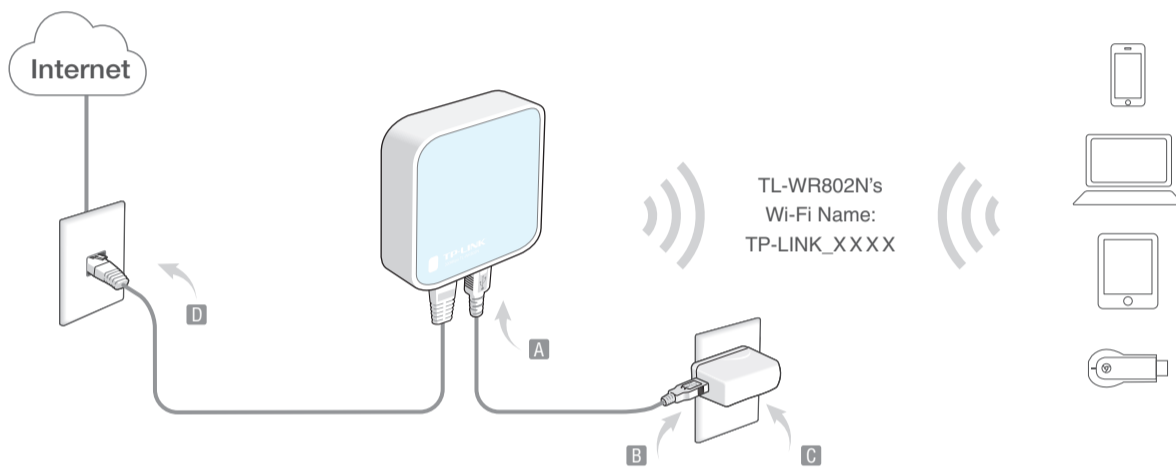


Determine Operation Mode

	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)

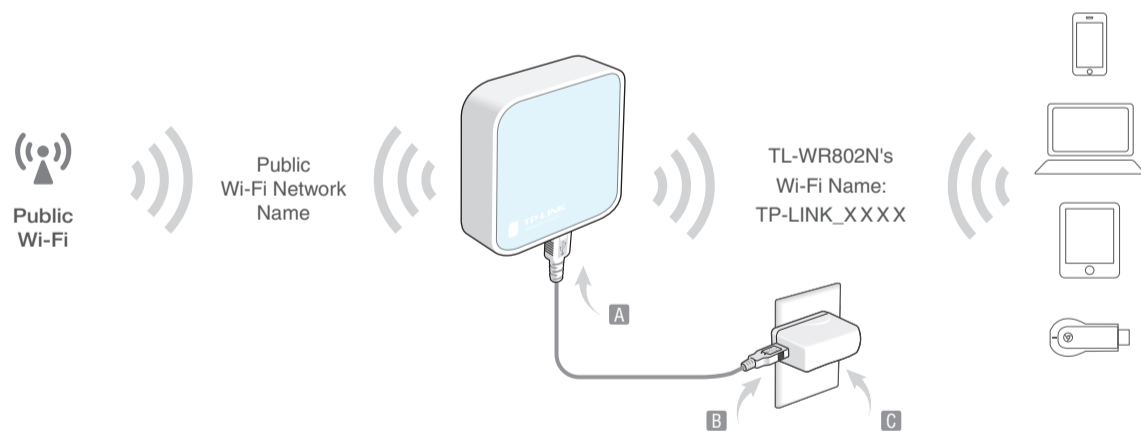


- 1 Connect the router according to steps **A** to **D** in the left diagram.
- 2 Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
Check the Internet connection on your laptop or smartphone, and please 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.

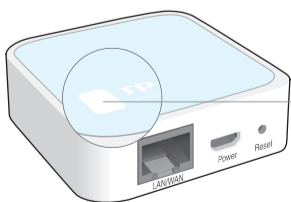


- 1 Connect the router according to steps **A** to **C** in the left diagram.
- 2 Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
- 3 Launch a web browser and type <http://tplinkwifi.net> into the 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:

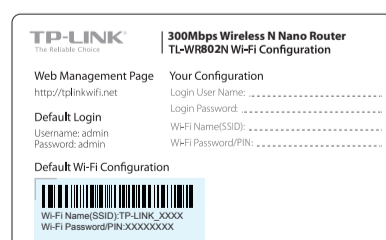


LED

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.

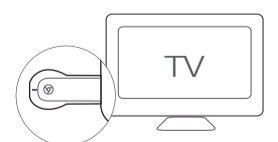
Port	Description
LAN/WAN	Functions as the LAN port in Hotspot Router, Range Extender, and Access Point mode. Functions as the WAN port in Wireless Router mode.
Power	Connects to a USB charger, power adapter or computer USB port via the provided Micro-USB cable for power supply.
Reset	Resets the router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

Wi-Fi Info Card:



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

Using Amazon Fire TV Stick or Chromecast when traveling:

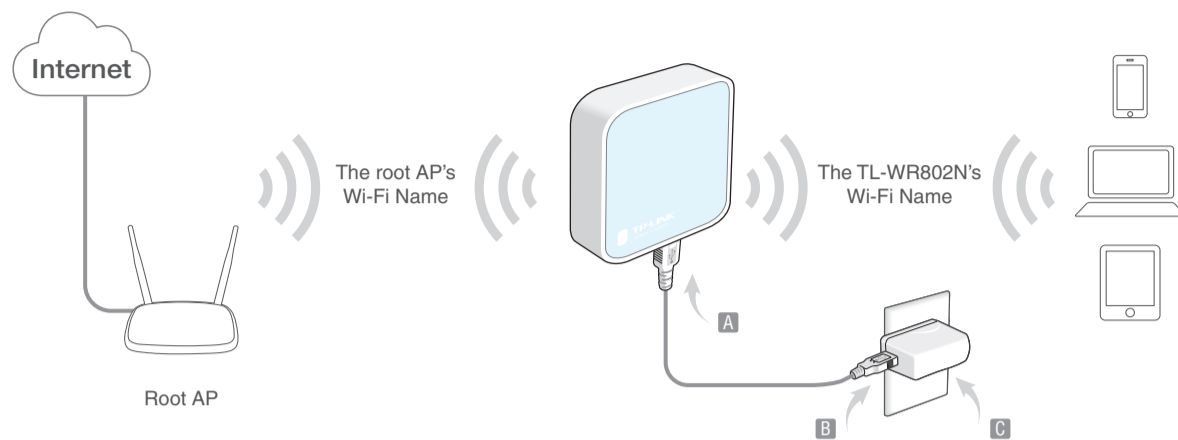


- Connect your laptop, smartphone or tablet to the router.
- Plug the HDMI streaming stick directly into the hotel TV.
- Follow the onscreen instruction to connect to the router's Wi-Fi.
- Enjoy streaming content on the TV.

At Home

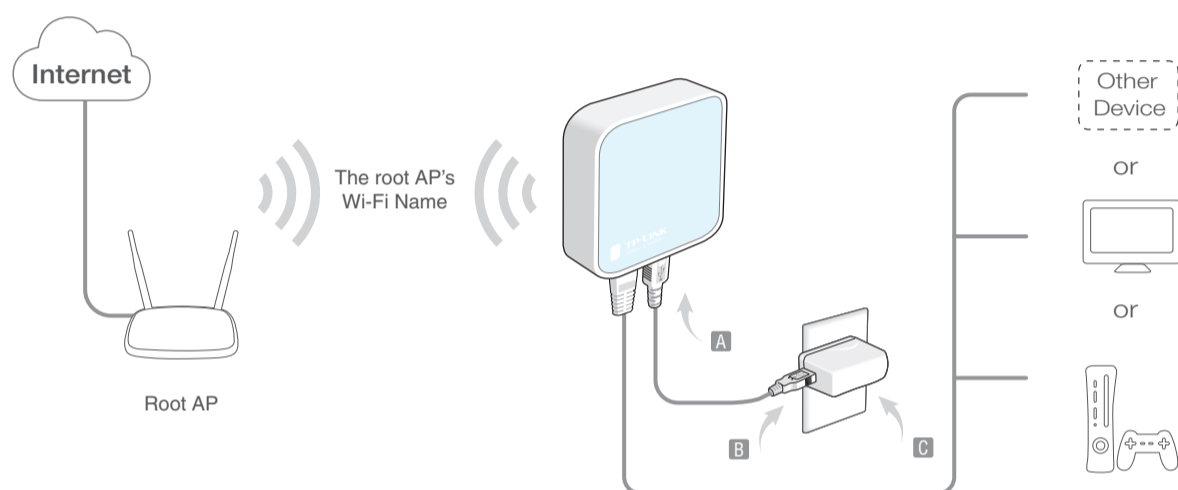
• Range Extender

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



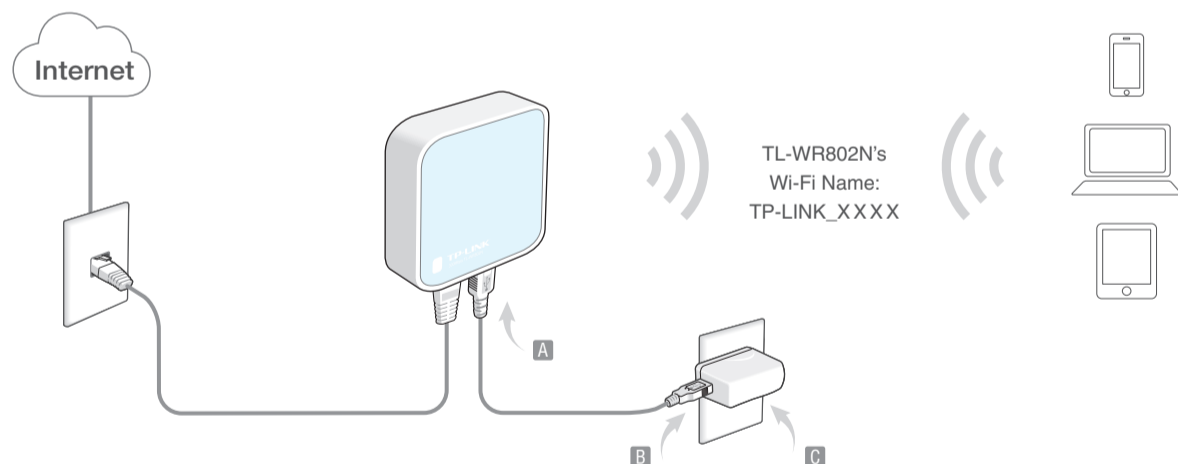
- 1 Connect the router according to steps **A** to **C** in the left diagram.
- 2 Wait until the router boots up, about 30 seconds, then use the default Wi-Fi Name and Password printed on the Wi-Fi Info Card to connect to the router.
- 3 Launch a web browser and type <http://tplinkwifi.net> into the 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.**

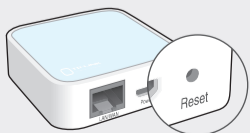
Frequently Asked Questions (FAQ)

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.