

# Configure TP-Link WR841N as wifi repeater

Want to use the Repeater function to expand network segments and wifi waves with TP-Link WR841N (VN) modem / router, but don't know how to configure? Watch now!

The Repeater function to activate the original wifi router is a very effective method when the wiring to expand the network or share the neighbors' wifi network is difficult or inconvenient. With repeater, we will not need to go around and still be able to use the Internet from the received wifi, which will make your house and your neighbors more aesthetic.

The most important thing is to set the wifi where to just be able to receive and broadcast the best. The following article will guide how to configure Repeater for TP-Link WR841N, help you solve the difficulties that you are facing. You can also apply to other modems / routers like WR702N, WR840N, WR941N, WR450H or even Nenda of Tenda.

## 1. Repeater function of Router

I will take the temporary diagram below to make an example for you to understand the Repeater function as follows:

First, from the source TL-WR720N router is transmitting wifi and has the IP address: 192.168.0.1 -> then, we will take a TL-WR841ND modem and configure the repeater with IP: 192.168.0.10 to receive the TL's signal - WR720N and playback to other devices such as laptops, PCs or phones can catch wifi.



**Advantages and disadvantages of this function :**

1. Easy to configure and use.
2. Can make reception for wifi source if weak.
3. Help wifi source broadcast is farther.
4. The Repeater function can be replaced for tidy wiring and the house will be more tidy.
5. Avoid cable cuts caused by long-term or mouse bites.
6. If your home has 5 floors, the repeater configuration will help improve the weak wifi signal when on the floors.
7. But the downside is that the network will weaken if it's too far from the source router.

## 2. How to configure Repeater for TP-Link modem

Now you will configure the modem, to use this very convenient and useful repeater.

**Step 1:** You should use a short network cable about a few meters, usually when buying a new modem will be included. Then plug one end of the cord into your laptop or pc, the other end into the back lan port of the modem (Artwork).



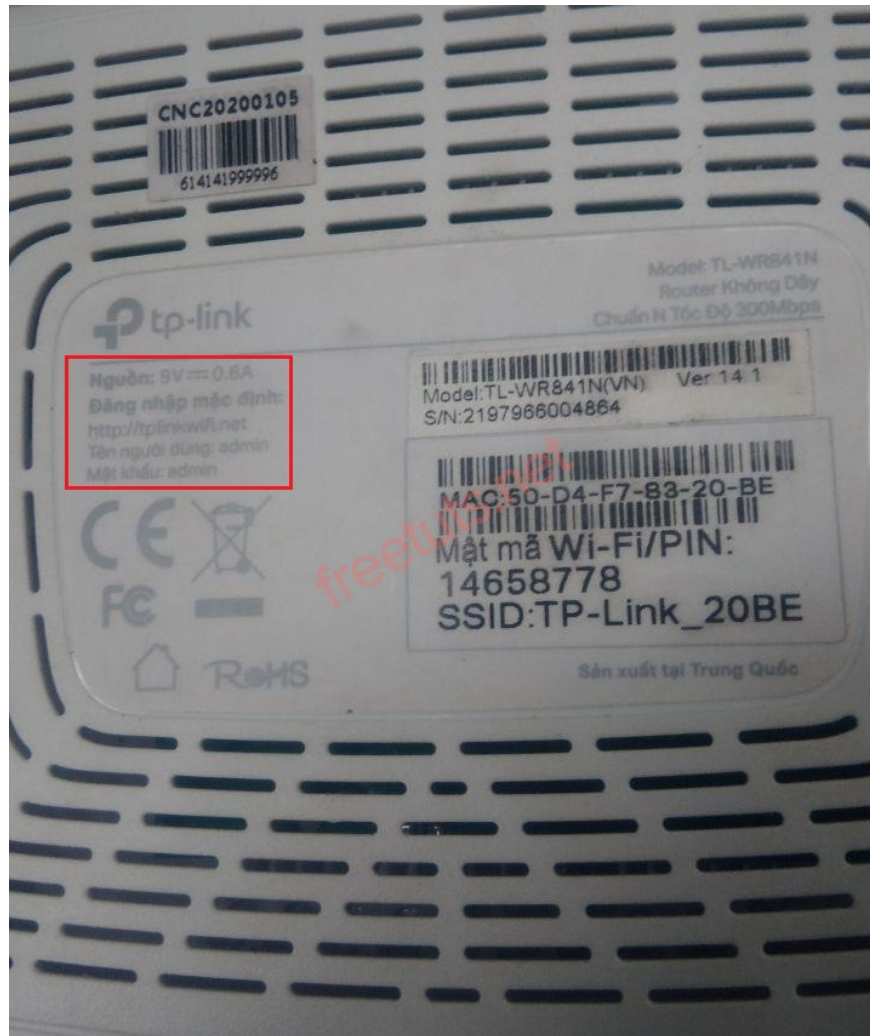
**Step 2:** Open the web browser, type the address **192.168.0.1** -> and then **Enter** . If you use a different modem, the homepage address will be different.

Picture 3 of Configure TP-Link WR841N as wifi repeater

**Step 3:** Immediately you will go to **the login page** of the modem -> enter your **account and password** .

Picture 4 of Configure TP-Link WR841N as wifi repeater

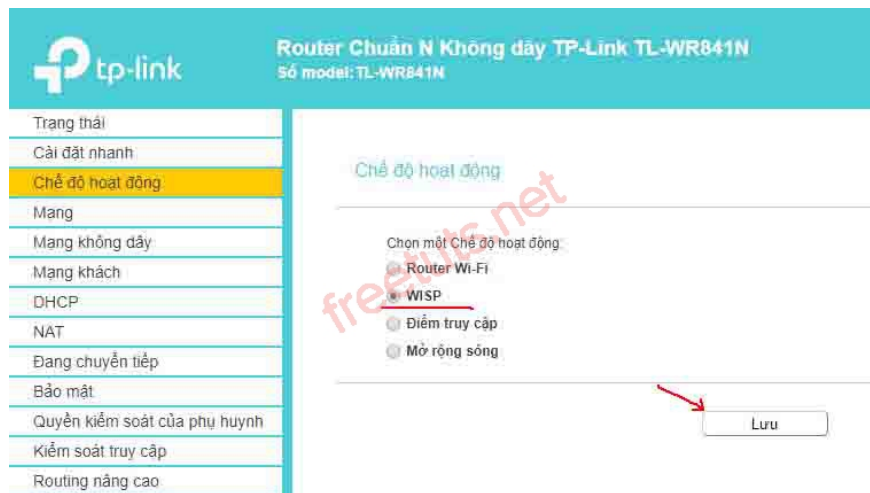
If you do not know the account, password and the address to access the admin page of the modem, you can see it on the back.



**Step 4:** Login successfully and now you will be redirected to the home page of the modem. You will see very complete information about the router -> then enter **the Operating Mode** to start the installation.



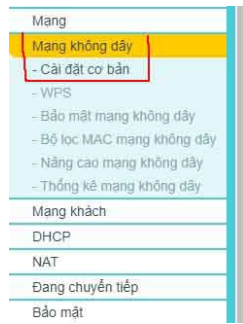
**Step 5: In Operation mode** -> select **WISP** to switch to repeater function. For other modems, this step may not be needed.



After that, wait for the system to reboot, it will be quite fast and take less than 2 minutes.



**Step 6:** Now you will go to **Wireless network** mode -> **Basic settings** -> select **Scan** to find wifi source that you want to repeater to extend the wave or share.



This will appear a list of all APs that the modem can scan -> find **the wifi name you need to repeater** -> remember the **channel (1)** -> select **Connect (2)** to start. For example, my name is **HANG NGUYEN**.



The parameters are as follows:

1. **ID:** the serial number.
2. **BSSID:** MAC address.
3. **SSID:** The name of the wifi to connect.
4. **Strong signal :** is the signal of wifi, the higher the number, the stronger.
5. **Channel:** dyke connected to each other (remember to make a little comparison to be true).
6. **Encryption:** is the security mode of wifi.
7. **The connection .**

**Step 7:** After connecting, at this time you will have to enter the **password (1)** of the source wifi -> in **AP Settings** , set **the Wireless network name (2)** for the modem -> select **Channel (3)** that just now remember -> click **Save** to finish. Because if the channel is wrong then it will not be able to connect, but if it is set up properly then stop.

SSID (được kết nối): HANG NGUYEN  
 Địa chỉ MAC (được kết nối): A0:65:18:7F:E5:91 e.g. 00:1D:0F:11:22:33  
 Quét  
 Dạng mã: WPA2-PSK  
 Mục lục WEP: 1  
 Kiểu xác thực: Hệ thống mở  
 Mã hóa: AES  
 Mật mã mạng không dây: 14032017  
 Cài đặt AP  
 Tên mạng không dây: TP-Link (Còn được gọi là SSID)  
 Vùng: Việt Nam  
 Chế độ: trộn 11bgn  
 kênh truyền: 11  
 Độ rộng kênh truyền: Tự động  
 Kích hoạt tính năng phát thanh SSID

**Step 8:** In the **Wireless Network** section -> select **Wireless security (1)** -> set a **password (2)** for new wifi -> click **Save** to finish.

Trang thái  
 Cài đặt nhanh  
 Chế độ hoạt động  
 Mạng  
 Mạng không dây  
 - Cài đặt cơ bản (1)  
 - WPS  
 - Bảo mật mạng không dây  
 - Bộ lọc MAC mạng không dây  
 - Nâng cao mạng không dây  
 - Thống kê mạng không dây  
 Mạng khách  
 DHCP  
 NAT  
 Đang chuyển tiếp  
 Bảo mật  
 Quyền kiểm soát của phụ huynh  
 Kiểm soát truy cập  
 Routing nâng cao  
 Cài đặt bảo mật mạng không dây  
 Lưu ý: Bảo mật WEP, xác thực WPA/WPA2-Doanh nghiệp và mã hóa TKIP không được hỗ trợ khi WPS được kích hoạt. Đối với an ninh mạng, nó được khuyến khích mạnh mẽ để cho phép bảo mật không dây và chọn mã hóa WPA2-PSK/AES.  
 vô hiệu hóa bảo mật không dây  
 WPA/WPA2 - Người dùng cá nhân (Khuyến nghị)  
 Phiên bản: WPA2-PSK (2)  
 Mã hóa: AES  
 Mật mã mạng không dây: hollamgi@! (3)  
 Chu kỳ cập nhật nhóm chính: 0  
 WPA/WPA2 - Doanh nghiệp  
 Phiên bản: Tự động  
 Mã hóa: Tự động  
 IP máy chủ RADIUS:  
 Cổng máy chủ RADIUS: 1812

**Step 9:** You need to change the address to access the admin page to avoid duplication of the port with the source modem, because the repeater setting has chosen the same name as the source wifi. Go to **DHCP** -> **DHCP Settings (1)** -> change to **192.168.1.xxx** -> **Save (3)** to finish. In particular, xxx is the number that can be changed from 1 to 256 as long as it does not coincide with the source modem.

Mạng  
 Mạng không dây  
 Mạng khách  
 DHCP  
 - Thiết lập DHCP (1)  
 - Danh sách khách hàng DHCP  
 - Địa chỉ dự trữ  
 NAT  
 Đang chuyển tiếp  
 Bảo mật  
 Quyền kiểm soát của phụ huynh  
 Kiểm soát truy cập  
 Routing nâng cao  
 Máy chủ DHCP:  vô hiệu hóa  Kích hoạt  
 Địa chỉ IP bắt đầu: 192.168.0.100  
 Kết thúc địa chỉ IP: 192.168.0.199  
 Thời gian đăng kí: 120 Phút (1-2880 phút, giá trị mặc định là 120)  
 Công mặc định: 192.168.1.1 (2) (tùy chọn)  
 Miền mặc định: (tùy chọn)  
 Máy chủ DNS: 0.0.0.0 (tùy chọn)  
 Máy chủ DNS thứ cấp: 0.0.0.0 (tùy chọn)  
 Lưu (3)

Now, just take your phone or computer and test to see if the new network has access, if you cannot access the internet, you should review the steps carefully to understand better.

**Note:** You should put your transceiver closest to the source wifi for a strong signal, which helps to access the Internet better.

### 3. Conclusion

So I have completed instructions, how to configure TP-Link WR841N as a repeater to extend the wave or create a new wifi without using a network cable. Hopefully this article will help you in setting up a wifi modem at home. Good luck!

You finished reading the article "**Configure TP-Link WR841N as wifi repeater**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.