

TP-Link TL-WR841N

TP-Link TL-WR841N 300Mbps Wireless N Router User Manual

Model: TL-WR841N

1. INTRODUCTION

The TP-Link TL-WR841N 300Mbps Wireless N Router is designed to provide a reliable and high-speed Wi-Fi network for your home or small office. This router is ideal for everyday internet activities such as web browsing, email, and social media, offering a maximum wireless speed of 300Mbps on the 2.4 GHz frequency band. Its compact design allows for flexible placement on a desk or wall-mounting.

2. PRODUCT OVERVIEW

The TL-WR841N features a simple and sleek white/black design with two adjustable antennas for optimized Wi-Fi coverage. The front panel includes LED indicators for power, system status, and Wi-Fi activity. The rear panel provides all necessary ports for connectivity.



Figure 2.1: Front view of the router in its packaging, highlighting the model and speed.

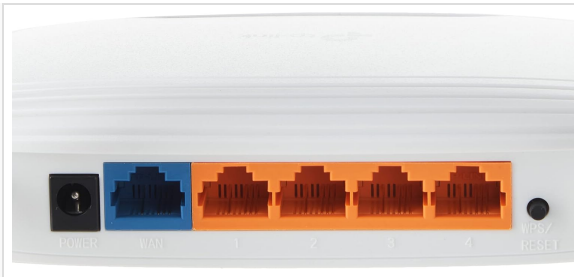


Figure 2.2: Rear panel with power input, one blue WAN port, and four orange LAN ports.



Figure 2.3: Top view of the router alongside its power adapter and an Ethernet cable.



Figure 2.4: Side view of the router in its packaging, detailing features like parental controls and IPTV support.

3. SETUP INSTRUCTIONS

1. Connect Hardware:

- Connect your modem's Ethernet cable to the blue WAN port on the router.
- Connect your computer to one of the orange LAN ports (1-4) using an Ethernet cable.
- Plug the power adapter into the router's power jack and then into a power outlet.
- Wait for the router to power on and the LED indicators to stabilize.

2. Access Web Management Interface:

- Open a web browser (e.g., Chrome, Firefox) on your connected computer.
- Type tplinkwifi.net or 192.168.0.1 into the address bar and press Enter.
- You will be prompted to create a new password for the router's management interface. Follow the on-screen instructions.

3. Configure Internet Connection:

- Follow the Quick Setup Wizard to configure your internet connection type (e.g., Dynamic IP, Static IP, PPPoE).
- Enter any required information provided by your Internet Service Provider (ISP).

4. Configure Wireless Settings:

- Set a unique Wi-Fi Network Name (SSID) and a strong password for your wireless network.
- Save your settings. Your Wi-Fi network is now ready for use.

4. OPERATING INSTRUCTIONS

Once set up, the TL-WR841N router provides a stable 2.4 GHz Wi-Fi network for various devices. You can manage your network settings through the web management interface.

- **Basic Internet Use:** Connect your wireless devices (smartphones, tablets, laptops) to the Wi-Fi network using the SSID and password you configured.
- **Wired Connections:** Use the four 10/100 Mbps LAN ports to connect devices like desktop computers, gaming consoles, or smart TVs for stable wired internet access.
- **Quality of Service (QoS):** Prioritize network traffic for specific applications or devices to ensure optimal performance for critical tasks like online gaming or video streaming.
- **Parental Controls:** Manage and restrict internet access for specific devices or users, setting schedules or blocking certain websites.
- **Guest Network:** Create a separate Wi-Fi network for guests, keeping your main network secure and private.
- **WPS (Wi-Fi Protected Setup):** Use the WPS button for a quick and easy connection to WPS-compatible devices. *Note: For enhanced security, it is recommended to disable WPS after initial setup.*

5. MAINTENANCE

Regular maintenance ensures optimal performance and security for your router.

- **Firmware Updates:** Periodically check the TP-Link official website for firmware updates. Updating your router's firmware can improve performance, add new features, and enhance security.
- **Security Settings:** Regularly review and update your Wi-Fi password. It is strongly recommended to disable WPS (Wi-Fi Protected Setup) functionality if not actively used, as it can be a security vulnerability.
- **Physical Cleaning:** Keep the router clean and free from dust to ensure proper ventilation and prevent overheating. Use a soft, dry cloth for cleaning.
- **Placement:** Ensure the router is placed in a central location, away from obstructions and interference sources (e.g., microwaves, cordless phones) to maximize Wi-Fi coverage.

6. TROUBLESHOOTING

If you encounter issues with your TP-Link TL-WR841N router, refer to the following common

troubleshooting steps:

- **No Internet Access:**

- Check all cable connections (modem to router, router to computer).
- Restart your modem and router by unplugging them for 30 seconds and then plugging them back in.
- Verify your ISP connection status.

- **Slow Wi-Fi Speed or Frequent Disconnections:**

- Ensure the router is placed optimally, away from interference.
- Adjust the router's antennas for better signal direction.
- Reduce the number of connected devices or prioritize critical devices using QoS.
- Update router firmware.

- **Cannot Access Router Management Page:**

- Ensure your device is connected to the router (wired or wirelessly).
- Try clearing your browser's cache or using a different browser.
- Verify the correct address: tplinkwifi.net or 192.168.0.1.

- **Forgot Router Login Password:**

- Perform a factory reset on the router. This will revert all settings to default, including the login password (which you will then be prompted to create again).

7. SPECIFICATIONS

Feature	Detail
Brand	TP-Link
Model Name	TP-link N300
Model Number	TL-WR841N
Wireless Communication Standard	802.11n
Frequency Band Class	Single-Band (2.4 GHz)
Data Transfer Rate	300 Megabits Per Second
Number of Antennas	2
Antenna Type	Fixed
Number of Ports	5 (1 WAN, 4 LAN)
LAN Port Bandwidth	10/100 megabits per second
Security Protocol	WPA2, WPS
Special Features	QoS, WPS
Compatible Devices	Personal Computer

Recommended Uses	Home
Color	White/Black
Item Weight	454 Grams

8. WARRANTY AND SUPPORT

For warranty information, technical support, and additional resources, please visit the official TP-Link website or refer to the documentation included with your product. You can also visit the [TP-Link Store on Amazon](#) for more details.

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