

## TOTOLINK N300RT V4

# Totolink N300RT V4 WLAN Router User Manual

Model: N300RT V4 | Brand: TOTOLINK

## 1. INTRODUCTION

The Totolink N300RT V4 is a 2.4 GHz Wireless N Router designed for home and small office use. It provides a high-speed wireless transmission rate of up to 300 Mbps, making it suitable for web browsing, email, and online video streaming. Equipped with two external antennas, it ensures stable wireless coverage and reliable connectivity for multiple devices.

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your N300RT V4 router to ensure optimal performance and a secure network environment.



Figure 1.1: Front view of the Totolink N300RT V4 WLAN Router, showcasing its compact design and two prominent external antennas.

## 2. PACKAGE CONTENTS

Before you begin, please verify that all items are present in your package:

- Totolink N300RT V4 Router

- Power Adapter
- Ethernet Cable
- Quick Installation Guide



Figure 2.1: Angled view of the Totolink N300RT V4 WLAN Router, highlighting its ports and indicator lights.

### 3. PRODUCT FEATURES

The Totolink N300RT V4 router incorporates several features to enhance your networking experience:

- **High-Speed Wireless Transmission:** Offers up to 300 Mbps wireless speed, ideal for bandwidth-intensive tasks.
- **Enhanced Security:** Supports WPA/WPA2 encryption standards to protect your wireless network from unauthorized access.
- **Dual External Antennas:** Two high-performance 2.4G long-range antennas provide extended Wi-Fi coverage and stable connections.
- **MIMO Technology:** Utilizes Multiple-Input Multiple-Output technology to increase network capacity and expand coverage area.
- **Wi-Fi Scheduler:** Allows users to set specific times for Wi-Fi availability, useful for parental control or energy saving.
- **WPS Button:** Features a WPS (Wi-Fi Protected Setup) button for quick and secure wireless connections without complex password entry.
- **IPTV Support:** Enables users to enjoy online video content and enhance their multimedia experience.
- **Multi-SSID:** Supports multiple SSIDs, allowing you to create separate wireless networks for different purposes or users.
- **VLAN & DHCP:** Includes VLAN (Virtual Local Area Network) and DHCP (Dynamic Host Configuration Protocol) functionalities for advanced network management.



Figure 3.1: Detail of the router's two 2.4G long-range antennas, designed for extended signal transmission and stable connections.

## 4. SETUP GUIDE

### 4.1 Basic Hardware Connection

1. **Power Connection:** Connect the power adapter to the router's power port and plug the other end into a standard electrical outlet. The Power LED indicator should light up.
2. **Internet Connection:** Connect your modem's Ethernet cable to the WAN port (usually blue) on the router. The WAN LED indicator should light up.
3. **Device Connection:** Connect your computer or other network devices to one of the LAN ports (usually yellow) on the router using an Ethernet cable. Alternatively, you can connect wirelessly using the default Wi-Fi name (SSID) and password printed on the router's label.



Figure 4.1: Rear angled view of the router, illustrating the placement of WAN and LAN ports for cable connections.

## 4.2 Initial Configuration (Web Interface)

To configure your router, access its web-based management interface:

1. Open a web browser (e.g., Chrome, Firefox, Edge) on a device connected to the router.
2. In the address bar, type the default IP address of the router (commonly 192.168.1.1 or 192.168.0.1, refer to the router's label or quick installation guide for the exact address) and press Enter.
3. Enter the default username and password (commonly admin for both, refer to the router's label) when prompted.
4. Follow the on-screen setup wizard to configure your internet connection type (e.g., DHCP, Static IP, PPPoE) and wireless network settings (SSID, password).
5. Save your settings and restart the router if prompted.

## 5. OPERATING INSTRUCTIONS

### 5.1 Wireless Settings

To modify your Wi-Fi network name (SSID) and password:

- Log in to the router's web interface.
- Navigate to the 'Wireless' or 'Wi-Fi Settings' section.
- Change the SSID to a name of your choice.
- Set a strong WPA/WPA2-PSK password for network security.
- Save changes and reboot the router if necessary.

### 5.2 Security Settings (WPA/WPA2)

The N300RT V4 supports WPA/WPA2 encryption, which is the highest security standard for wireless networks. It is highly recommended to use WPA2-PSK (AES) for optimal security.

### 5.3 Advanced Features

- **WPS (Wi-Fi Protected Setup):** For quick connection, press the WPS button on the router and then on your client device (if supported). This establishes a secure connection without manual password entry.



Figure 5.1: Detail of the WPS button on the N300RT V4, enabling simpler and secure device connections.

- **Wi-Fi Scheduler:** Access this feature in the web interface to set specific on/off times for your Wi-Fi network. This can be used for parental controls or to conserve energy.
- **IPTV Support:** Configure IPTV settings through the web interface to optimize your network for streaming Internet Protocol Television services.



Figure 5.2: The N300RT V4 router positioned to illustrate its IPTV support, enhancing home multimedia experiences.

- **Multi-SSID:** Create up to multiple separate wireless networks, each with its own security settings, for guests or different departments.
- **VLAN:** Configure Virtual Local Area Networks to segment your network for improved security and management.
- **DHCP Server:** The router acts as a DHCP server by default, automatically assigning IP addresses to connected devices. You can configure its settings in the web interface.

## 6. MAINTENANCE

### 6.1 Firmware Updates

Regularly check the TOTOLINK official website for firmware updates. Updating the firmware can improve performance, add new features, and fix security vulnerabilities. Follow the instructions provided with the firmware update file carefully.

### 6.2 Resetting the Router

If you encounter persistent issues or forget your login credentials, you can perform a factory reset:

- With the router powered on, use a paperclip or a thin object to press and hold the RST (Reset) button on the router for approximately 5-10 seconds.
- Release the button when the indicator lights flash. The router will reboot with factory default settings.

## 7. TROUBLESHOOTING

### 7.1 Common Issues and Solutions

- **No Internet Access:**
  - Check if the WAN LED is lit. If not, ensure the Ethernet cable from your modem is securely connected to the router's WAN port.
  - Restart your modem and router.
  - Verify your internet connection settings in the router's web interface.
- **Cannot Access Web Interface:**
  - Ensure your device is connected to the router via Ethernet or Wi-Fi.
  - Verify you are using the correct IP address (e.g., 192.168.1.1).
  - Try clearing your browser's cache or using a different browser.
  - Perform a factory reset if you have forgotten the login credentials.
- **Weak Wi-Fi Signal or Drops:**
  - Relocate the router to a central location, away from obstructions and interference sources (e.g., cordless phones, microwaves).
  - Adjust the router's antennas for optimal signal.
  - Consider changing the Wi-Fi channel in the router's settings to avoid interference from neighboring networks.

### 7.2 LED Indicators

The LED indicators on the front panel provide information about the router's status:

- **Power LED:** Solid green indicates the router is powered on.
- **WAN LED:** Solid green indicates a successful connection to the modem. Blinking indicates data activity.
- **LAN LEDs (1-4):** Solid green indicates a device is connected to the corresponding LAN port. Blinking indicates data activity.
- **WLAN LED:** Solid green indicates the wireless function is enabled. Blinking indicates wireless data activity.

## 8. SPECIFICATIONS

| Feature    | Description |
|------------|-------------|
| Model Name | N300RT V4   |
| Brand      | TOTOLINK    |

| Feature                 | Description                 |
|-------------------------|-----------------------------|
| Wireless Standard       | 802.11b/g/n                 |
| Frequency Band          | 2.4 GHz (Single-band)       |
| Wireless Speed          | Up to 300 Mbps              |
| Antenna Type            | 2 x Fixed External Antennas |
| Security                | WPA/WPA2, WPA-PSK/WPA2-PSK  |
| Ports                   | 1x WAN, 4x LAN              |
| Buttons                 | RST (Reset), WPS            |
| Compatible Devices      | Laptop, Smartphone, Tablet  |
| Recommended Application | Home Network                |
| Color                   | White                       |
| Dimensions (Packaging)  | 25.6 x 14.9 x 7.3 cm        |
| Weight (Packaging)      | 360 Grams                   |



## 9. SUPPORT


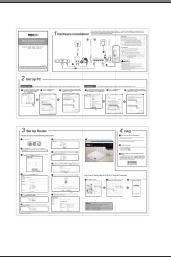
For further assistance, technical support, or to download the latest firmware and drivers, please visit the official TOTOLINK website. You may also find FAQs and community forums there to help resolve common issues.

*Note: Product specifications and features are subject to change without prior notice.*


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## Related Documents

|   |   |
|---|---|
|  | <p><a href="#">Router WiFi LTE TOTOLINK LR1200</a></p> <p>TOTOLINK LR1200 to bezprzewodowy, dwuzakresowy router 4G LTE, zgodny ze standardem 802.11ac, oferujący prędkość Wi-Fi do 1200 Mb/s. Idealny do szybkiego i stabilnego połączenia internetowego.</p>   |
|  | <p><a href="#">TOTOLINK A720R AC1200 Wireless Dual Band Router - High-Speed Wi-Fi &amp; Advanced Features</a></p> <p>Discover the TOTOLINK A720R, an AC1200 Wireless Dual Band Router delivering up to 1167Mbps speeds, beamforming technology, IPv6 support, and comprehensive security features for optimal home and office networking.</p> |

|   |   |
|---|---|
|   | <p><a href="#">How to Find Your TOTOLINK Router's Serial Number</a></p> <p>A comprehensive guide to locating the serial number on TOTOLINK routers. This document lists compatible models and provides clear visual examples of where to find the serial number sticker on your device.</p>                 |
|  | <p><a href="#">TOTOLINK N300RT Wireless Broadband Router Quick Installation Guide</a></p> <p>A concise guide for setting up your TOTOLINK N300RT Wireless Broadband Router, covering hardware installation, PC configuration for Windows Vista/7/8, router setup steps, and frequently asked questions.</p> |

Documents - TOTOLINK – N300RT V4



TOTOLINK N300RT V4 300MBPS Wrls Router

Model: N300RTV4

Producent: TOTOLINK

Kod producenta: N300RT V4

Cena: 84.89 zł

Opis

TOTOLINK N300RT V4 300MBPS Wrls Router

Producent: TOTOLINK

Model: N300RTV4

Kod producenta: N300RT V4

Opis

Model: N300RTV4

Kod producenta: N300RT V4


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WPS

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[pdf] Datasheet

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[pdf] Datasheet

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