

## Ematic ERACN300

# Jetstream N300 WiFi Router (Model: ERACN300) Instruction Manual

*Brand: Ematic*

## INTRODUCTION

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This manual provides comprehensive instructions for the setup, operation, and maintenance of your Jetstream N300 WiFi Router. The Jetstream ERACN300 Wi-Fi Router is designed to provide reliable wireless connectivity for everyday online use in your home or apartment. It features high-penetration capabilities and external high-performance 5dBi antennas to ensure broad coverage.

## PRODUCT OVERVIEW

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The Jetstream N300 WiFi Router (Model ERACN300) is a 2.4GHz 802.11n device equipped with external 5dBi antennas for enhanced signal strength and coverage. It includes multiple LAN ports for wired connections to devices such as desktop computers, smart televisions, and game consoles, complementing its wireless capabilities.



Image: The Jetstream N300 WiFi Router, a compact black device with two adjustable external antennas, showing indicator lights on the front panel.

## PACKAGE CONTENTS

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Ensure all items are present in the package:

- Jetstream N300 WiFi Router (Model: ERACN300)
- Power Adapter
- Ethernet Cable
- Quick Installation Guide (this manual)

## SETUP GUIDE

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Follow these steps to set up your Jetstream N300 WiFi Router:

1. **1. Connect the Hardware:**

- Connect your modem's LAN port to the router's WAN port using the provided Ethernet cable.
- Plug the power adapter into the router's power port and then into a wall outlet.
- Wait for the router's indicator lights to stabilize, typically indicating power and internet connectivity.

2. **2. Connect to the Router's Wi-Fi Network:**

- On your computer or mobile device, search for available Wi-Fi networks.
- Select the network name (SSID) printed on the label at the bottom of your router.
- Enter the Wi-Fi password (also found on the router's label) to connect.

3. **3. Access the Router's Web Interface:**

- Open a web browser (e.g., Chrome, Firefox) and type the default IP address (e.g., 192.168.1.1 or 192.168.18.1) into the address bar. This IP address is usually printed on the router's label.
- Enter the default username and password (commonly 'admin' for both, or as specified on the label) to log in.

4. **4. Configure Basic Settings:**

- Follow the on-screen setup wizard to customize your Wi-Fi network name (SSID) and password. It is highly recommended to change the default password for security.
- Save your settings and reboot the router if prompted.

Video: A general visual guide demonstrating the setup process for a 2.4GHz Mini Wi-Fi Router. While the router shown in the video may differ in appearance from the Jetstream N300, the steps for connecting to a modem, powering on, and initial Wi-Fi configuration are broadly applicable.

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## OPERATING INSTRUCTIONS

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Once your Jetstream N300 WiFi Router is set up, you can connect various devices:

• **Connecting Wireless Devices:**

- On your smartphone, tablet, or laptop, go to Wi-Fi settings.
- Select your customized Wi-Fi network name (SSID) and enter your password.
- Your device should now be connected to the internet.

• **Connecting Wired Devices:**

- Use an Ethernet cable to connect devices like desktop computers, smart TVs, or game consoles to any of the available LAN ports on the back of the router.
- The device should automatically detect the wired connection and gain internet access.

- **WPS (Wi-Fi Protected Setup):**
  - If your device supports WPS, press the WPS button on your router and then activate WPS on your device within two minutes to establish a secure connection without entering the password.

## MAINTENANCE

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To ensure optimal performance and longevity of your router:

- **Placement:** Place the router in a central location, away from obstructions and other electronic devices that may cause interference.
- **Cleaning:** Keep the router clean and free of dust. Use a soft, dry cloth for cleaning.
- **Firmware Updates:** Periodically check the Ematic support website for firmware updates. Updating the firmware can improve performance, add new features, and enhance security.
- **Rebooting:** If you experience slow speeds or connectivity issues, try rebooting the router by unplugging it from the power outlet for 10 seconds and then plugging it back in.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

- **No Internet Access:**
  - Check all cable connections between the modem and router.
  - Restart both your modem and router.
  - Verify your internet service is active with your ISP.
- **Weak Wi-Fi Signal:**
  - Relocate the router to a more central position in your home.
  - Ensure antennas are properly oriented (typically upright).
  - Minimize interference from other electronic devices (e.g., cordless phones, microwaves).
- **Cannot Access Router's Web Interface:**
  - Ensure your device is connected to the router's Wi-Fi network or via an Ethernet cable.
  - Double-check the IP address entered in the browser.
  - Clear your browser's cache or try a different browser.
- **Forgot Wi-Fi Password or Login Credentials:**
  - Perform a factory reset by pressing and holding the reset button on the router for about 10 seconds. Note: This will erase all custom settings, and you will need to reconfigure the router.

## SPECIFICATIONS

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Feature	Detail
Brand	Ematic
Model Name	ERACN300
Wireless Type	802.11n
Frequency Band Class	Tri-Band (Note: Product description mentions 2.4GHz, specifications list Tri-Band.)

Connectivity Technology	Wi-Fi
Special Feature	WPS
Compatible Devices	Personal Computer
Recommended Uses	Home
Operating System	Linux
Item Dimensions (LxWxH)	5.3 x 1.13 x 3.5 inches
Item Weight	12.7 ounces (0.36 Kilograms)

## WARRANTY AND SUPPORT

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For warranty information, technical support, or further assistance, please refer to the official Ematic website or contact their customer service. Keep your purchase receipt for warranty claims.