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› [Linksys N300 Wi-Fi Wireless Router \(E900\) User Manual](#)

## Linksys E900-EU

# Linksys N300 Wi-Fi Wireless Router (E900) User Manual

Model: E900-EU

## INTRODUCTION

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This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Linksys N300 Wi-Fi Wireless Router (E900). Please read this manual thoroughly before using the device to ensure optimal performance and safety.

## PACKAGE CONTENTS

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Verify that your package contains the following items:

- Linksys N300 Wi-Fi Wireless Router (E900)
- Power Adapter
- Ethernet Cable
- Quick Installation Guide



Image: Top view of the Linksys N300 Wi-Fi Wireless Router E900. The router is a flat, dark gray rectangular device with the Linksys logo and E900 model name visible on the top surface.

## PHYSICAL FEATURES AND PORTS

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Familiarize yourself with the physical layout and ports of your router.

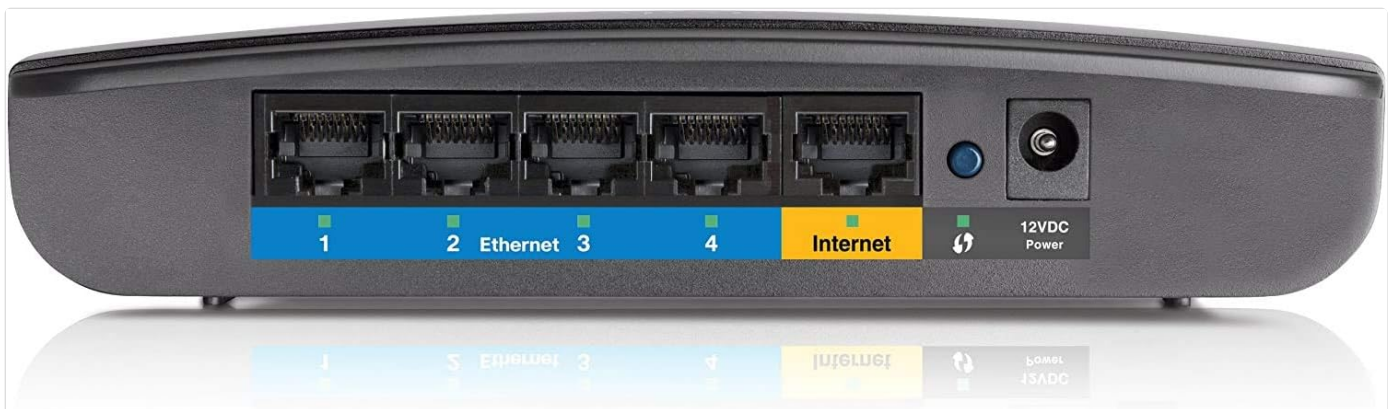


Image: Rear view of the Linksys N300 Wi-Fi Wireless Router E900. From left to right, it shows four yellow Ethernet LAN ports labeled 1-4, a blue Internet (WAN) port, a reset button, and a 12VDC power input port.

- **Ethernet Ports (1-4):** Connect wired devices such as computers, gaming consoles, or network printers.
- **Internet Port:** Connect your modem to this port using an Ethernet cable.
- **Power Port:** Connect the included power adapter here.
- **Reset Button:** Used to restore the router to factory default settings.

## SETUP

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### Initial Setup

1. **Positioning the Router:** Place the router in a central location to maximize wireless coverage. Avoid placing it near

large metal objects, concrete walls, or other electronic devices that may cause interference.

2. **Connect the Modem:** Ensure your modem is powered off. Connect one end of the Ethernet cable to the Internet (WAN) port on the router and the other end to your modem's Ethernet port.
3. **Connect Power:** Connect the power adapter to the router's power port and then plug it into a power outlet.
4. **Power On:** Power on your modem first, wait for it to fully boot (usually indicated by stable lights), then power on the router. Wait for the router's indicator lights to stabilize.
5. **Connect a Computer (Wired):** For initial configuration, connect an Ethernet cable from one of the router's numbered Ethernet ports (1-4) to your computer's Ethernet port.
6. **Access Router Setup Page:** Open a web browser on the connected computer. In the address bar, type 192.168.1.1 and press Enter.
7. **Login:** The default username is admin and the default password is admin (or sometimes password). If these do not work, refer to the label on the bottom of your router or the quick installation guide.
8. **Follow On-Screen Instructions:** The setup wizard will guide you through configuring your internet connection, wireless network name (SSID), and password.

## Wireless Connection

After initial setup, you can connect wireless devices:

1. On your wireless device (laptop, smartphone, tablet), search for available Wi-Fi networks.
2. Select the network name (SSID) you configured during setup.
3. Enter the wireless password (security key) when prompted.

## OPERATING THE ROUTER

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The Linksys N300 Wi-Fi Wireless Router (E900) provides high-speed wireless connectivity and wired Ethernet ports for your network.

### Key Features:

- High speed for fast wireless transfer rates, up to 300Mbps.
- Reliable range with MIMO antenna technology.
- 4 fast Ethernet ports (10/100Mbps) to connect wired devices.
- Expanded wireless coverage compared to 802.11g products.
- All Ethernet ports support auto-crossover (MDI/MDI-X), eliminating the need for crossover cables.
- Supports up to 128-bit wireless encryption and SPI firewall for enhanced security.

### Router Management Interface

You can manage your router's settings by accessing its web-based interface (192.168.1.1). Here you can:

- Change wireless network name (SSID) and password.
- Configure security settings (WPA/WPA2).
- Set up guest access.
- Manage connected devices.
- Configure advanced network settings like Port Forwarding and QoS (Quality of Service).

## MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your router.

- **Firmware Updates:** Periodically check the Linksys support website for firmware updates. Firmware updates can improve performance, add new features, and fix security vulnerabilities. Follow the instructions provided by Linksys for updating firmware.
- **Physical Cleaning:** Keep the router free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation openings are not blocked.
- **Power Cycling:** If you experience intermittent connectivity issues, a simple power cycle can often resolve them. Turn off the router and modem, wait 30 seconds, then turn on the modem first, wait for it to fully boot, and then turn on the router.
- **Secure Placement:** Ensure the router is placed in a stable location, away from direct sunlight, excessive heat, and moisture.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your Linksys E900 router.

### No Internet Connection

- **Check Cables:** Ensure all Ethernet cables are securely connected to the correct ports on the router and modem.
- **Power Cycle:** Perform a power cycle of both your modem and router (turn off, wait 30 seconds, turn on modem, wait for boot, turn on router).
- **Modem Status:** Check the indicator lights on your modem to ensure it has an active internet connection.
- **Router Lights:** Verify that the Internet light on your router is solid, indicating a connection to the modem.
- **ISP Issue:** Contact your Internet Service Provider (ISP) to confirm there are no service outages in your area.

### Slow Wireless Speed or Dropped Connections

- **Router Placement:** Move the router to a more central location, away from obstructions and interference sources (cordless phones, microwaves, other Wi-Fi networks).
- **Channel Interference:** Access the router's web interface and try changing the wireless channel. Channels 1, 6, and 11 are generally recommended as non-overlapping channels.
- **Disable WMM Support:** Some users have reported improved speed and stability by disabling WMM (Wi-Fi Multimedia) support in the router's QoS settings. To do this, log into the router's web interface (192.168.1.1), navigate to "Applications & Gaming", then "QoS", and disable WMM Support. Save changes.
- **Firmware Update:** Ensure your router's firmware is up to date.

### Cannot Access Router Setup Page (192.168.1.1)

- **Wired Connection:** Ensure your computer is connected directly to one of the router's LAN ports with an Ethernet cable.
- **IP Address:** Verify your computer is set to obtain an IP address automatically (DHCP).
- **Browser Cache:** Clear your web browser's cache and cookies, or try a different browser.
- **Firewall/Antivirus:** Temporarily disable any firewall or antivirus software on your computer that might be blocking access.
- **Reset Router:** If all else fails, perform a factory reset by pressing and holding the reset button on the back of the router for 10-15 seconds. *Note: This will erase all custom settings, and you will need to reconfigure the router.*

## SPECIFICATIONS

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Feature	Detail
Model Name	E900
Item Model Number	E900-EU
Wireless Type	802.11n
Frequency Band Class	Single-Band (2.4 GHz)
Wireless Communication Standard	802.11n
Connectivity Technology	Wi-Fi, Ethernet
Ethernet Ports	4 x 10/100Mbps Fast Ethernet LAN ports
Internet Port	1 x 10/100Mbps Fast Ethernet WAN port
Security Features	WPA/WPA2, 128-bit wireless encryption, SPI firewall
Item Weight	7.1 ounces (approx. 201 grams)
Product Dimensions (LxWxH)	3 x 9.5 x 7.5 inches (approx. 7.6 x 24.1 x 19.1 cm)
Voltage	12 Volts (DC)
Manufacturer	Linksys
Date First Available	March 9, 2012

## WARRANTY AND SUPPORT

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For information regarding the product warranty, please refer to the warranty card included with your product or visit the official Linksys support website. Linksys provides various support resources, including FAQs, knowledge base articles, and customer service contact options.

**Linksys Support Website:** [www.linksys.com/support](http://www.linksys.com/support)

Please have your model number (E900-EU) and serial number ready when contacting support.