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› Linksys E1200 (N300) Wireless Router User Manual

Linksys E1200

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Model: E1200

INTRODUCTION

The Linksys E1200 Wireless-N Router is designed to provide fast speed and reliable range for creating a powerful wireless home network. It enables connection of computers, wireless printers, and other Wi-Fi devices at speeds up to 300Mbps. This router incorporates WPA/WPA2 encryption and an SPI firewall to enhance network security against viruses and hackers. Setup is streamlined with the included Cisco Connect software, offering intuitive tools for network management, including the ability to establish a separate guest network and implement Parental Controls for internet access management. MIMO antenna technology ensures broad wireless coverage, making surfing, emailing, and wireless printing an easy process.



Figure 1: Front view of the Linksys E1200 Wireless Router, showcasing its sleek black design with the Linksys E1200 logo on top.

PACKAGE CONTENTS

- Linksys E1200 Wireless-N Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide (or CD with Cisco Connect software)

SETUP INSTRUCTIONS

Follow these steps to set up your Linksys E1200 Wireless Router:

1. **Unpack the Router:** Carefully remove the router and all accessories from the packaging.
2. **Connect the Router to Your Modem:**
 - Disconnect the power from your modem.
 - Connect one end of the provided Ethernet cable to the yellow "Internet" port on the back of the Linksys E1200 router.
 - Connect the other end of the Ethernet cable to the Ethernet port on your modem.



Figure 2: Rear panel of the Linksys E1200 router, highlighting the four blue Ethernet LAN ports (1-4), the yellow Internet WAN port, and the 12VDC Power input.

3. **Connect Power:**
 - Connect the power adapter to the "12VDC Power" port on the router.
 - Plug the other end of the power adapter into an electrical outlet.
 - Reconnect power to your modem. Wait for the modem to fully boot up (usually indicated by stable lights).
4. **Connect Your Computer:**
 - For wired connection: Connect an Ethernet cable from your computer's network port to any of the blue "Ethernet 1-4" ports on the router.
 - For wireless connection: On your computer or wireless device, search for available Wi-Fi networks. The default network name (SSID) is typically "Linksys" followed by a series of numbers/letters. The default password can be found on a sticker on the bottom of the router.
5. **Run Cisco Connect Software:**
 - Insert the Cisco Connect CD into your computer's CD/DVD drive, or download the software from the Linksys support website.
 - Follow the on-screen instructions to complete the setup process, which will guide you through naming your network and setting a secure password.

OPERATING YOUR ROUTER

The Linksys E1200 router offers various features to manage your home network:

- **Wireless Connectivity:** Enjoy Wireless-N300 (802.11n) for surfing the web, emailing, and wireless printing. Connect devices at up to 300 Mbps transfer speed.
- **Wired Connections:** Utilize the four Fast Ethernet (10/100 Mbps) ports to directly connect wired devices such as desktop computers, gaming consoles, or network-attached storage (NAS) devices.
- **Network Security:** Keep your network protected with customizable security settings, including WPA/WPA2 Personal encryption and SPI firewall protection. Access these settings via the router's web-based interface.
- **Guest Access:** Create a separate, password-protected guest network. This allows visitors to access the internet without gaining access to your main network's computers or data, enhancing security and privacy.
- **Parental Controls:** Use the Parental Controls feature to block specific websites and restrict internet access during certain hours for connected devices. This feature is managed through the Cisco Connect software or the router's web interface.
- **MIMO Antenna Technology:** Benefit from broad wireless coverage provided by the integrated MIMO antenna technology, ensuring a strong signal throughout your home.

MAINTENANCE

To ensure optimal performance and longevity of your Linksys E1200 router, consider the following maintenance tips:

- **Firmware Updates:** Regularly check the Linksys support website for firmware updates. Updating the firmware can improve performance, add new features, and fix security vulnerabilities.
- **Router Placement:** Place the router in a central location in your home, away from obstructions like large metal objects, concrete walls, and other electronic devices that may cause interference (e.g., cordless phones, microwaves).



Figure 3: Top view of the Linksys E1200 router, showing its compact and unobtrusive design, suitable for various placements.

- **Regular Reboot:** Periodically reboot your router (unplug the power adapter for 10-15 seconds, then plug it back in). This can resolve minor connectivity issues and refresh the network.
- **Cleanliness:** Keep the router clean and free from dust. Dust accumulation can lead to overheating. Use a soft, dry cloth to wipe the exterior. Ensure ventilation openings are not blocked.
- **Strong Passwords:** Regularly review and update your Wi-Fi network password and router administration password to strong, unique combinations.

TROUBLESHOOTING

If you encounter issues with your Linksys E1200 router, try the following solutions:

Problem	Possible Cause	Solution
No Internet Connection	Modem issue, incorrect cable connection, router not configured.	1. Check modem lights; ensure it's online. 2. Verify Ethernet cable from modem to router's yellow "Internet" port is secure. 3. Power cycle both modem and router (unplug for 10s, plug modem first, then router). 4. Re-run Cisco Connect software or access router's web interface to check settings.
Slow Wireless Speed	Interference, router placement, too many devices, outdated firmware.	1. Move router to a central location, away from obstructions and interference sources. 2. Reduce the number of active devices on the network. 3. Update router firmware. 4. Try changing the wireless channel in router settings to avoid interference.
Cannot Connect to Wi-Fi Network	Incorrect password, network not broadcasting, device issue.	1. Double-check Wi-Fi password (case-sensitive). 2. Ensure the wireless function on your device is enabled. 3. Reboot the router. 4. If SSID broadcast is disabled, enable it in router settings or manually add the network.
Forgotten Router Password	Lost administrative password for router settings.	1. Locate the reset button on the router (often a small pinhole). 2. With the router powered on, use a paperclip to press and hold the reset button for 10-15 seconds. 3. The router will reset to factory default settings, including the default password (usually "admin" or blank). You will need to reconfigure your network settings.

SPECIFICATIONS

Feature	Detail
Brand	Linksys
Model Name	E1200
Item Model Number	E1200-CA
Wireless Type	802.11n (Wireless-N300)
Wireless Communication Standard	802.11n
Frequency Band Class	Single-Band (2.4 GHz)
Connectivity Technology	Wireless, Wired (Ethernet)
Ethernet Ports	4 x Fast Ethernet (10/100 Mbps)
Security Features	WPA/WPA2 Personal, SPI Firewall
Special Feature	WPS (Wi-Fi Protected Setup)
Compatible Devices	Computers, Wireless Printers, Smartphones, other Wi-Fi devices
Operating System Compatibility	Windows, Mac OS
Item Weight	1.3 pounds (approx. 0.59 kg)

Feature	Detail
Product Dimensions (LxWxH)	12.66 x 10.12 x 2.63 inches (approx. 32.16 x 25.70 x 6.68 cm)
Color	Black
Manufacturer	Linksys
Date First Available	August 7, 2012

WARRANTY AND SUPPORT

For detailed warranty information, technical support, and additional resources, please refer to the documentation included with your product or visit the official Linksys support website:

www.linksys.com/support

The Linksys support website provides access to:

- Latest firmware downloads
- Frequently Asked Questions (FAQs)
- Knowledge Base articles
- Contact information for technical assistance

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

