Linksys EA6700 + RE6400

Linksys AC1750 EA6700 Router and AC1200 RE6400 Range Extender Combo Pack User Manual

Model: EA6700 Router, RE6400 Range Extender

1. INTRODUCTION

This manual provides comprehensive instructions for setting up, operating, and maintaining your Linksys AC1750 EA6700 Wireless Gigabit Router and Linksys AC1200 RE6400 Dual-Band Wi-Fi Range Extender. Please read this manual thoroughly before installation and use to ensure optimal performance and network stability.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- Linksys AC1750 EA6700 Wireless Gigabit Router
- Linksys AC1200 RE6400 Dual-Band Wi-Fi Range Extender
- Ethernet Cable
- Power Adapter for Router
- Quick Start Guide

Image: Contents of the Linksys AC1750 EA6700 Router and AC1200 RE6400 Range Extender Combo Pack, including the router, range extender, power adapter, Ethernet cable, and documentation.

3. SETUP INSTRUCTIONS

3.1. Linksys EA6700 Router Setup

1. **Positioning the Router:** Place the router in a central location to maximize Wi-Fi coverage. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference.

2. **Connect to Power:** Connect the provided power adapter to the router's power port and then plug it into an electrical outlet. Wait for the power indicator light to become solid.

3. **Connect to Modem:** Connect one end of the Ethernet cable to the yellow "Internet" port on the router and the other end to your internet modem's Ethernet port. Ensure your modem is powered on and connected to your internet service.

4. **Connect a Computer (Optional):** For initial setup, it is recommended to connect a computer directly to one of the router's blue "Ethernet" ports using another Ethernet cable.

5. **Access Setup:** Open a web browser on the connected computer and navigate to http://linksyssmartwifi.com or http://192.168.1.1. Follow the on-screen instructions to complete the setup process, including creating a Wi-Fi network name (SSID) and password.

Image: Top view of the Linksys EA6700 Router, showing its sleek design and indicator lights.

Image: Rear view of the Linksys EA6700 Router, displaying the power port, Internet port (yellow), four Ethernet LAN ports (blue), and USB

3.2. Linksys RE6400 Range Extender Setup

The RE6400 can be set up using either Wi-Fi Protected Setup (WPS) or a web browser.

3.2.1. WPS Setup (Recommended)

1. **Power On:** Plug the RE6400 into an electrical outlet near your main router. Wait for the indicator light on the extender to blink green.

2. **Activate WPS on Router:** Press the WPS button on your main Wi-Fi router. Refer to your router's manual if you cannot locate the WPS button.

3. **Activate WPS on Extender:** Within two minutes, press the WPS button on the RE6400 range extender. The indicator light on the extender will blink rapidly and then turn solid green when connected.

4. **Relocate Extender:** Unplug the extender and move it to a location halfway between your router and the area with poor Wi-Fi coverage. Plug it into an electrical outlet. The indicator light should turn solid green, indicating a good connection. If it's amber, move it closer to the router.
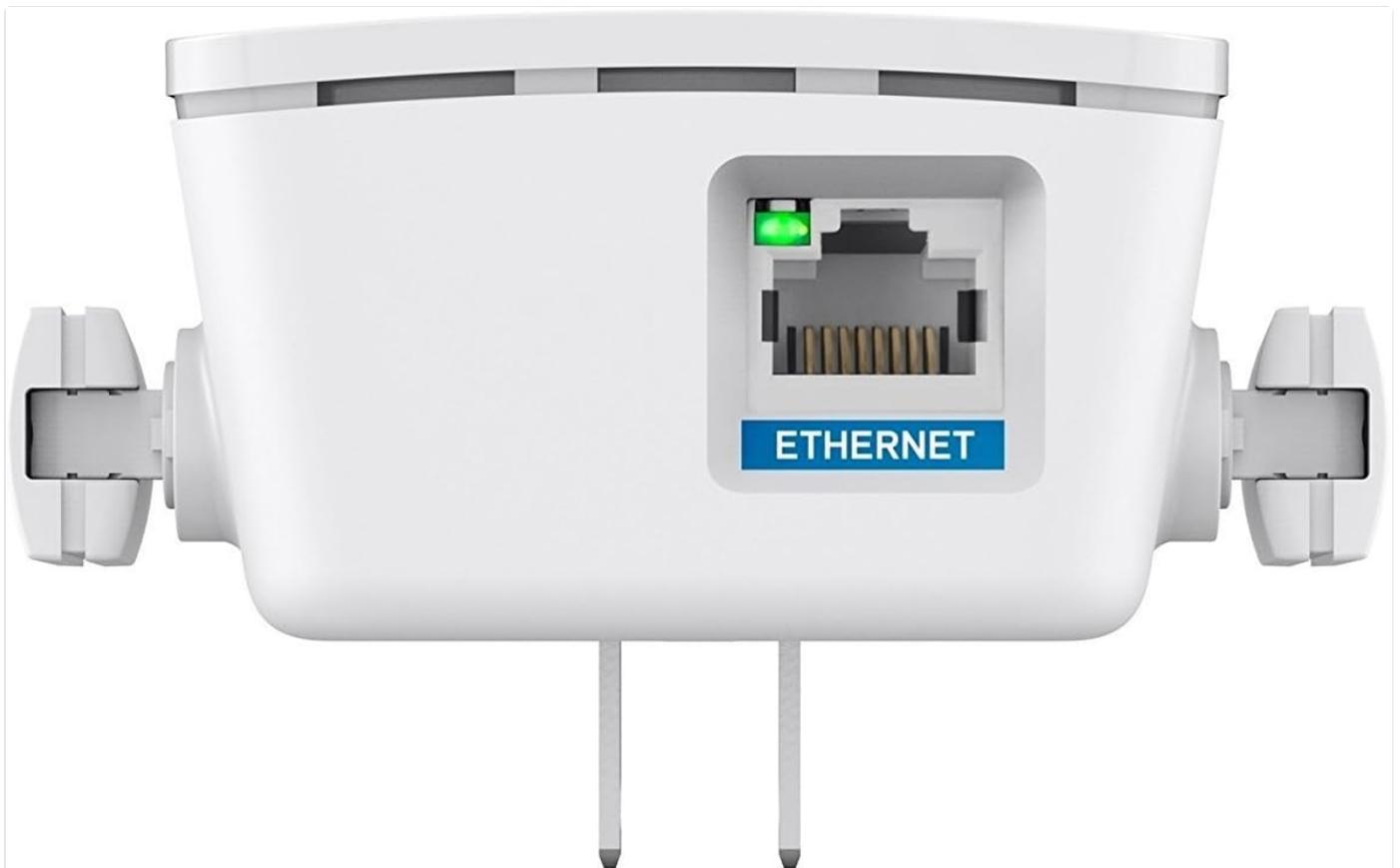

Image: Side view of the Linksys RE6400 Range Extender, highlighting the WPS button and reset pinhole.

Image: The Linksys RE6400 Range Extender plugged into a standard wall outlet, demonstrating its compact design.

3.2.2. Manual Setup (Web Browser)

1. **Power On:** Plug the RE6400 into an electrical outlet near your main router. Wait for the indicator light on the extender to blink green.

2. **Connect to Extender's Wi-Fi:** On a computer or mobile device, connect to the Wi-Fi network named "Linksys

Extender Setup - XXX" (where XXX are the last three digits of the extender's MAC address).

3. **Access Setup Page:** Open a web browser and navigate tohttp://extender.linksys.com. Follow the on-screen instructions to select your main Wi-Fi network and enter its password.

4. **Relocate Extender:** Unplug the extender and move it to a location halfway between your router and the area with poor Wi-Fi coverage. Plug it into an electrical outlet. The indicator light should turn solid green, indicating a good connection.

4. Operating Instructions

4.1. Linksys EA6700 Router Operation

- **Connecting Devices:** Devices can connect to the router wirelessly using the Wi-Fi network name (SSID) and password you configured during setup. Wired devices can connect to the blue Ethernet LAN ports.
- **Linksys Smart Wi-Fi App:** Download the Linksys Smart Wi-Fi app for iOS or Android to manage your network from anywhere. The app allows you to monitor connected devices, set up guest access, manage parental controls, and prioritize devices.
- **Guest Access:** Create a separate Wi-Fi network for guests to provide internet access without sharing your main network password.
- **Parental Controls:** Restrict internet access times or block specific websites for connected devices.
- **Media Prioritization:** Prioritize network traffic for specific devices or applications (e.g., gaming consoles, streaming services) to ensure smooth performance.

4.2. Linksys RE6400 Range Extender Operation

- **Extended Wi-Fi:** The extender broadcasts your existing Wi-Fi network with an "_EXT" suffix (e.g., "MyWiFi_EXT"). Connect devices to this extended network for improved signal strength in previously weak areas.
- **Optimal Placement:** The extender's indicator light provides feedback on its connection quality. A solid green light indicates a good connection to the router. An amber light suggests moving the extender closer to the router.
- **Ethernet Port:** The RE6400 includes an Ethernet port at the bottom, allowing you to connect a wired device (e.g., a smart TV, gaming console) to your network in an area where Wi-Fi might be weak.

Image: Bottom view of the Linksys RE6400 Range Extender, showing the Ethernet port for wired connections.

5. MAINTENANCE

- **Firmware Updates:** Regularly check for and install firmware updates for both the router and extender. Firmware updates often include performance improvements, security patches, and new features. This can usually be done through the Linksys Smart Wi-Fi app or the web interface.
- **Restart Devices:** Periodically restart your router and extender (unplug from power for 10 seconds, then plug back in) to refresh network connections and resolve minor performance issues.
- **Physical Cleaning:** Keep the devices free from dust and obstructions to ensure proper ventilation. Use a soft, dry cloth for cleaning.
- **Security:** Use strong, unique passwords for your Wi-Fi network and router administration. Enable WPA2 or WPA3 encryption for your Wi-Fi network.

6. TROUBLESHOOTING

- **No Internet Connection:**

  - Check if your modem is working correctly.
  - Ensure the Ethernet cable from the modem is securely connected to the router's "Internet" port.
  - Restart your modem, then your router.

- **Weak Wi-Fi Signal / Dead Zones:**

  - Relocate the router or extender to a more central position.
  - Ensure the extender's indicator light is solid green. If amber, move it closer to the router.
  - Minimize interference from other electronic devices.

- **Cannot Access Router/Extender Setup Page:**

  - Ensure your device is connected to the correct Wi-Fi network (router's or extender's setup network).
  - Try a different web browser.
  - Verify the correct IP address or domain name (linksyssmartwifi.com, 192.168.1.1 for router; extender.linksys.com for extender).

- **Forgotten Wi-Fi Password or Admin Password:**

  - You may need to perform a factory reset on the device. This will erase all custom settings.
  - To factory reset the router: With the router powered on, press and hold the reset button on the back for 10-15 seconds.
  - To factory reset the extender: With the extender powered on, press and hold the reset button for 5-10 seconds.
  - After a factory reset, you will need to reconfigure the device from scratch.

7. SPECIFICATIONS

Linksys EA6700 Router & RE6400 Extender Specifications

Feature	Linksys EA6700 Router	Linksys RE6400 Extender
Model Number	EA6700	RE6400
Wi-Fi Standard	802.11ac (AC1750)	802.11ac (AC1200)
Frequency Band	Dual-Band (2.4 GHz & 5 GHz)	Dual-Band (2.4 GHz & 5 GHz)

Feature	Linksys EA6700 Router	Linksys RE6400 Extender
Ethernet Ports	4 x Gigabit LAN, 1 x Gigabit WAN	1 x Gigabit Ethernet
USB Ports	1 x USB 3.0, 1 x USB 2.0	None
Antenna Type	Internal	External (Adjustable)
Security Features	WPA2/WPA3, SPI Firewall, DoS Protection	WPA2/WPA3
Dimensions (Router)	12.6 x 2.6 x 9.4 inches	N/A
Item Weight (Router)	3.05 pounds	N/A

8. WARRANTY AND SUPPORT

Linksys products typically come with a limited hardware warranty. For specific warranty details, please refer to the warranty card included in your product packaging or visit the official Linksys support website.

For technical assistance, troubleshooting guides, firmware downloads, and frequently asked questions, please visit the Linksys support portal:

- Linksys Official Support Website

You can also contact Linksys customer support directly through their website for personalized assistance.
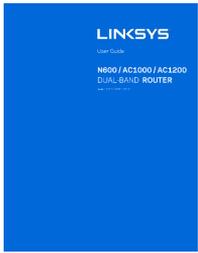
Related Documents - EA6700 + RE6400

Linksys AC1200 MAX RE6500 Wi-Fi Range Extender | Extend Coverage & Speed
Enhance your home network with the Linksys AC1200 MAX RE6500 Wi-Fi Range Extender. This device extends Wireless-AC signals, eliminates dead zones, and offers dual-band speeds up to N300 Mbps + AC867 Mbps. Features include Cross-Band Technology, Audio Streaming, and 4 Gigabit Ethernet ports for reliable connectivity.

Linksys EA6350 Smart Wi-Fi Router User Guide
Comprehensive user guide for the Linksys EA6350 Smart Wi-Fi AC1200 Dual-Band Router, covering product overview, setup, usage of Linksys Smart Wi-Fi features, troubleshooting, and specifications.

Linksys AX1800 MAX-STREAM WiFi Range Extender User Guide (Model RE7310)
Comprehensive user guide for the Linksys AX1800 MAX-STREAM WiFi Range Extender (Model RE7310), covering setup, configuration, troubleshooting, and specifications. Learn how to extend your Wi-Fi network for better coverage.

	[Linksys WRT1900AC Dual-Band Gigabit Wi-Fi Router User Guide](#) Comprehensive user guide for the Linksys WRT1900AC Dual-Band Gigabit Wi-Fi Router, covering setup, configuration, features, and troubleshooting for optimal home network performance.
	[Linksys N600/AC1000/AC1200 Dual-Band Router User Guide](#) Comprehensive user guide for Linksys N600, AC1000, and AC1200 dual-band routers (models E2500, E5350, E5400). Learn how to set up, configure advanced settings, secure your Wi-Fi, and troubleshoot common issues with this essential manual.
	[Linksys E5600 AC1200 Dual-Band WiFi 5 Router User Guide](#) Comprehensive user guide for the Linksys E5600 AC1200 Dual-Band WiFi 5 Router, covering setup, configuration, wireless security, troubleshooting, and specifications. Learn how to connect, configure network settings, enhance wireless security, and find solutions for connectivity problems.