

## Linksys RE6700

# Linksys RE6700 AC1200 Wi-Fi Range Extender User Manual

Model: RE6700

## 1. OVERVIEW

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The Linksys RE6700 AC1200 MAX Wi-Fi Range Extender is designed to expand the coverage of your existing wireless router. By plugging the device into a standard wall outlet, it repeats the signal from your router to reduce wireless dead spots and improve connectivity in remote areas of your home, such as upstairs bedrooms or offices.

Key features include:

- **Spot Finder Technology:** Utilizes a mobile device to guide optimal placement for the best performance and quick setup.
- **Extended Coverage:** Expands wireless coverage area up to 10,000 square feet.
- **High Speed:** Offers speeds up to N300 + AC867 Mbps.
- **Universal Compatibility:** Compatible with virtually any Wi-Fi router or gateway, including hardware from Internet service providers, without requiring router setting adjustments.
- **Cross-Band Technology:** Maximizes simultaneous use of both 2.4 GHz and 5 GHz bands for efficient data transfer.
- **Beamforming:** Focuses and strengthens the Wi-Fi signal directly to your devices.
- **Wi-Fi Audio Feature:** Allows wireless music streaming anywhere in your home using a smart device.
- **Pass-Through Functionality:** Maintains the use of the wall outlet where the extender is plugged in.
- **Ports:** Includes Power, Internet, Ethernet (1-4), USB 3.0, and USB 2.0 / eSATA combo ports.

## 2. PACKAGE CONTENTS

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Ensure all items are present in the package:

- Linksys RE6700 Wi-Fi Range Extender
- Quick Start Guide
- Ethernet Cable

### 3. PRODUCT FEATURES AND COMPONENTS

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Familiarize yourself with the physical components of your Linksys RE6700 Wi-Fi Range Extender.



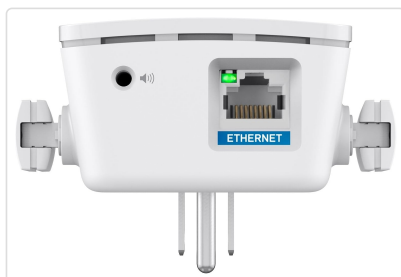
**Figure 3.1:** Side view of the extender with power plug.

This image displays the side profile of the Linksys RE6700, highlighting the integrated power plug for direct wall outlet connection and the Linksys branding.



**Figure 3.2:** Side view of the extender with Reset button.

This image shows the opposite side of the extender, featuring the recessed Reset button, which can be used to restore factory default settings.



**Figure 3.3:** Bottom view of the extender with Ethernet port.

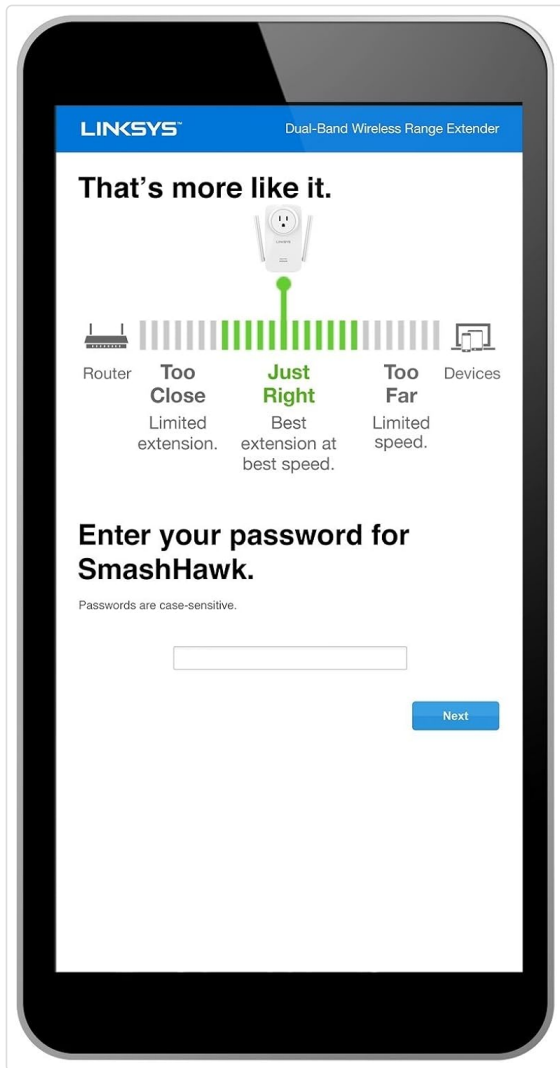
The bottom view of the device, illustrating the Gigabit Ethernet port for wired connections and the speaker icon for Wi-Fi Audio.

## 4. SETUP

Follow these steps to set up your Linksys RE6700 Wi-Fi Range Extender:

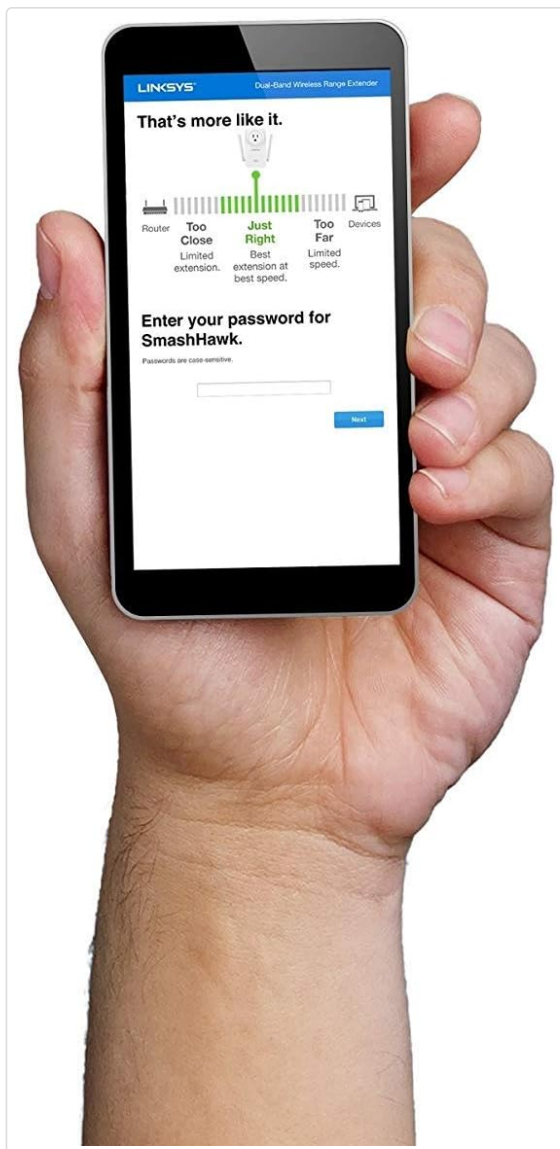
1. **Power On:** Plug the RE6700 into an electrical outlet. Wait for the indicator light to turn solid amber.
2. **Connect to Extender's Wi-Fi:** On your computer or mobile device, connect to the Wi-Fi network named "Linksys Extender Setup".
3. **Launch Setup:** Open a web browser and navigate to [extender.linksys.com](http://extender.linksys.com). Follow the on-screen instructions to complete the setup.
4. **Use Spot Finder Technology:** During setup, the Spot Finder Technology will help you determine the optimal location for your extender. It uses a visual guide to indicate if the extender is too close, too far, or

just right from your router for best performance.



**Figure 4.1:** Spot Finder Technology interface.

This image shows the Spot Finder Technology interface, which visually guides you to the best placement for your range extender.



**Figure 4.2:** Using Spot Finder on a mobile device.

A user's hand holding a smartphone, demonstrating the use of the Spot Finder Technology for optimal extender placement.

## Setup Video Guide

Your browser does not support the video tag.

This video provides a visual guide to setting up the Linksys RE6700 AC1200 Wi-Fi Range Extender, demonstrating the installation process and key features.

## 5. OPERATING THE EXTENDER

Once set up, the Linksys RE6700 operates automatically to extend your Wi-Fi network. Devices within the extended range will connect to the stronger signal provided by the extender.

- **Network Name:** The extended network will typically have the same name as your main Wi-Fi network, with "\_EXT" appended (e.g., MyWiFi\_EXT).
- **Connecting Devices:** Connect your wireless devices (smartphones, tablets, laptops) to the extended network using your existing Wi-Fi password.
- **Wired Connections:** Use the Gigabit Ethernet port to connect a wired device, such as a smart TV, gaming console, or desktop computer, to the extended network for a stable connection.

- **Wi-Fi Audio:** Utilize the Wi-Fi Audio feature to stream music to connected speakers. Refer to the Linksys app or web interface for specific instructions on enabling and managing this feature.

## 6. MAINTENANCE

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To ensure optimal performance and longevity of your Linksys RE6700, consider the following maintenance tips:

- **Firmware Updates:** Periodically check the Linksys support website for firmware updates. Keeping your device's firmware up-to-date can improve performance, security, and add new features.
- **Cleaning:** Gently wipe the exterior of the extender with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the extender is not obstructed by furniture or other objects that could block its ventilation holes. Proper airflow prevents overheating.
- **Relocation:** If you need to move the extender, unplug it from the wall outlet before relocating. Use the Spot Finder Technology again to ensure optimal placement in the new location.

## 7. TROUBLESHOOTING

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If you encounter issues with your Linksys RE6700, try the following troubleshooting steps:

- **No Internet Connection:**
  - Verify your main router has an active internet connection.
  - Check the extender's indicator light. A solid blue light indicates a good connection to the router. If it's amber or off, try repositioning the extender closer to the router using Spot Finder Technology.
  - Restart both your router and the extender.
- **Slow Wi-Fi Speed:**
  - Ensure the extender is placed optimally using Spot Finder Technology. Placement too far or too close can reduce performance.
  - Minimize interference from other electronic devices (microwaves, cordless phones) by moving them away from the extender.
  - Confirm your devices are connecting to the 5 GHz band if available, as it generally offers faster speeds.
- **Cannot Connect to Extender's Wi-Fi:**
  - Ensure you are selecting the correct extended network name (SSID).
  - Double-check your Wi-Fi password.
  - If the issue persists, reset the extender to factory defaults (refer to Figure 3.2 for the Reset button location) and perform the setup process again.

## 8. SPECIFICATIONS

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Feature	Detail
Brand	Linksys
Model Number	RE6700

Wireless Communication Standard	802.11a/b/g/n/ac
Data Transfer Rate	1200 Megabytes Per Second
Frequency Band Class	Dual-Band (2.4 GHz, 5 GHz)
Special Feature	Spot Finder Technology
Compatible Devices	Router
Range	Up to 10,000 square feet
Connector Type	RJ45 (Ethernet)
Item Weight	4.16 ounces
Item Dimensions (D x W x H)	1.46"D x 2.76"W x 4.01"H
Color	White
Operating Humidity	10 to 80 percent non-condensing

## 9. WARRANTY

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The Linksys RE6700 AC1200 Wi-Fi Range Extender comes with a **1-year hardware limited warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Linksys warranty documentation or visit their support website.

## 10. SUPPORT

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For further assistance, technical support, or to access the latest drivers and firmware, please visit the official Linksys support resources:

- **Linksys Support Website:** [www.linksys.com/support](http://www.linksys.com/support)
- **Linksys Store on Amazon:** [Visit the Linksys Store](#)