LINKSYS®

USER GUIDE

MAX-STREAM®

Dual-Band WiFi 5 Router
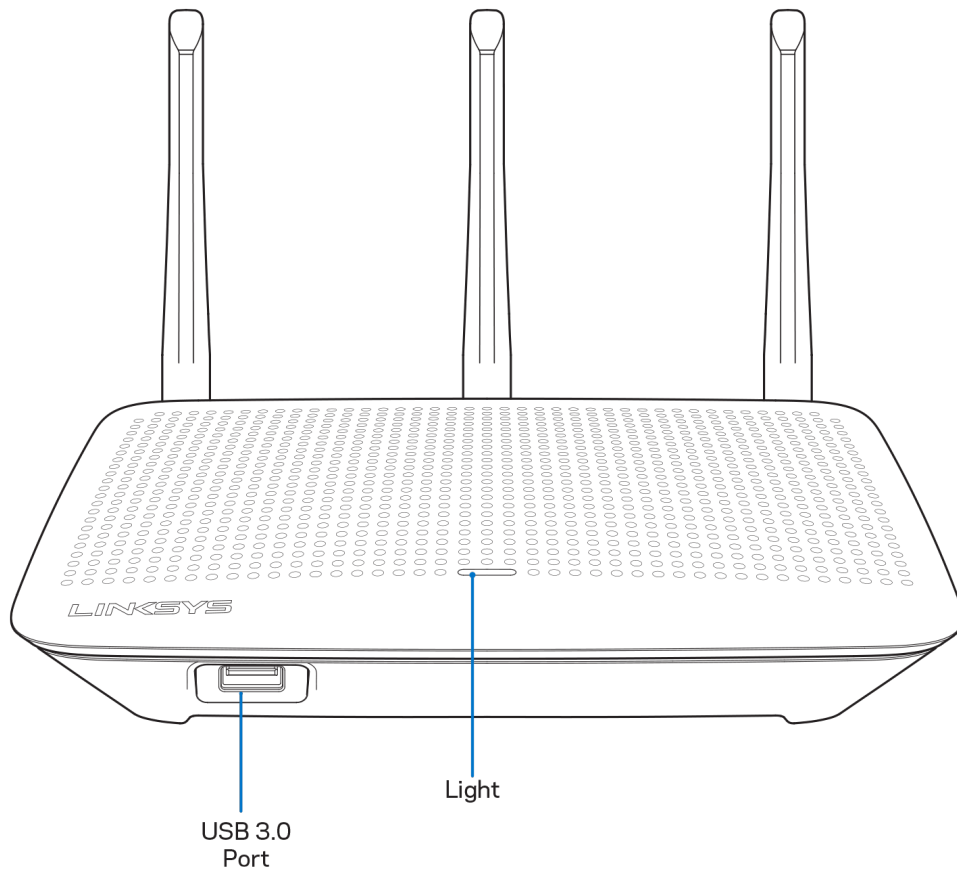
Model EA7250/EA7430

LINKSYS®

Contents

Product Overview
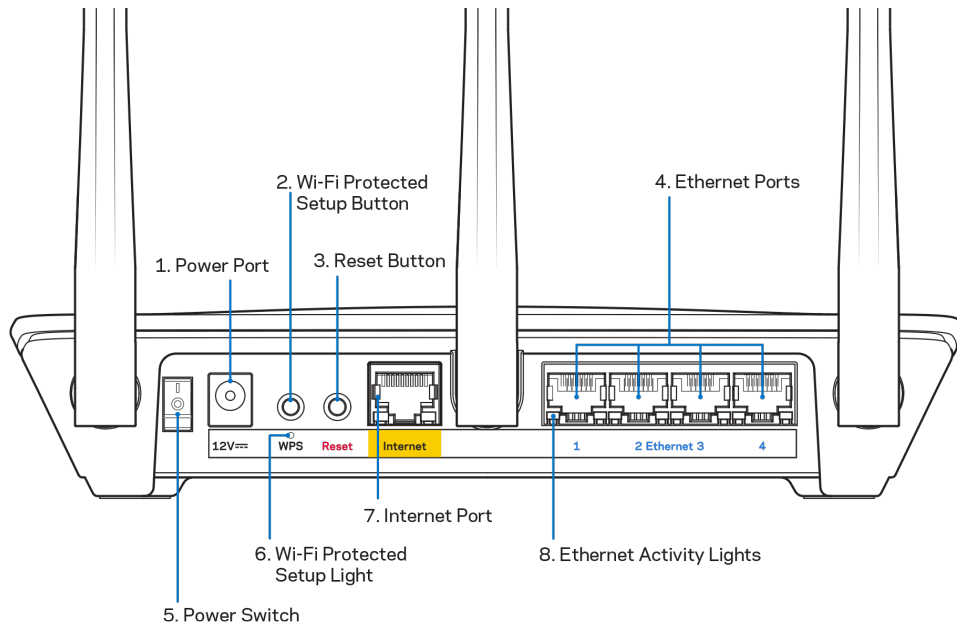
Top

Light

USB 3.0
Port

USB 3.0 Port—Connect and share a USB drive or USB printer on your network or on the internet.

Light—The light stays on steadily while connected to the internet. It flashes or pulses slowly during startup, self-testing and firmware upgrades. It flashes quickly when indicating connection errors.

Back

Power port (1)—Connect the included AC power adapter.

Wi-Fi Protected Setup button (2)—Press to configure wireless security on Wi-Fi Protected Setup-enabled network devices.

Reset button (3)—Press and hold for until the light on the top of the router starts flashing to reset the router to factory settings. You can also restore the factory settings using the Linksys app or at www.LinksysSmartWiFi.com.

Ethernet ports (4)—Connect ethernet cables to these blue gigabit (10/100/1000) ports, and to wired devices on your network.

> **Note**—*For best performance, use CAT5e or higher rated cables on the ethernet ports.*

Power switch (5)—Press | (on) to turn on the router.

WPS setup light (6)—Flashes during a WPS pairing process.

Internet port (7)—Connect an ethernet cable to this yellow gigabit (10/100/1000) port, and to a broadband or fiber modem.

> **Note**—*For best performance, use CAT5e or higher rated cables on the internet port.*
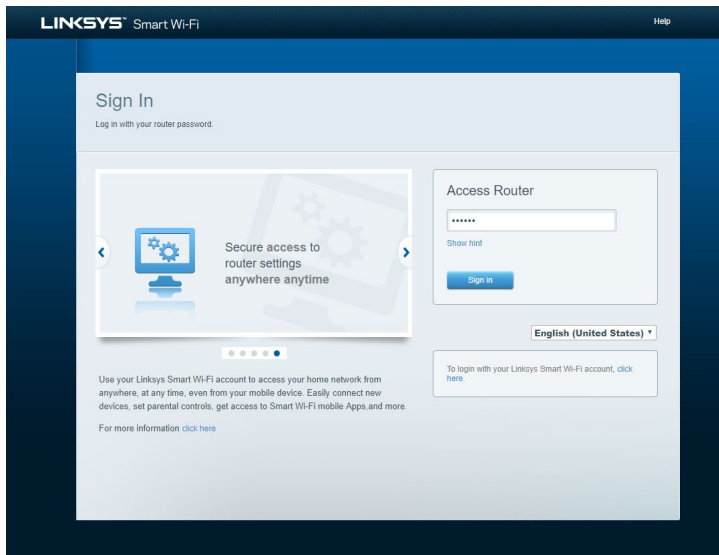
Ethernet activity lights (8)—Flash when there is traffic over an ethernet port.

Setting Up: Basics

Where to find more help

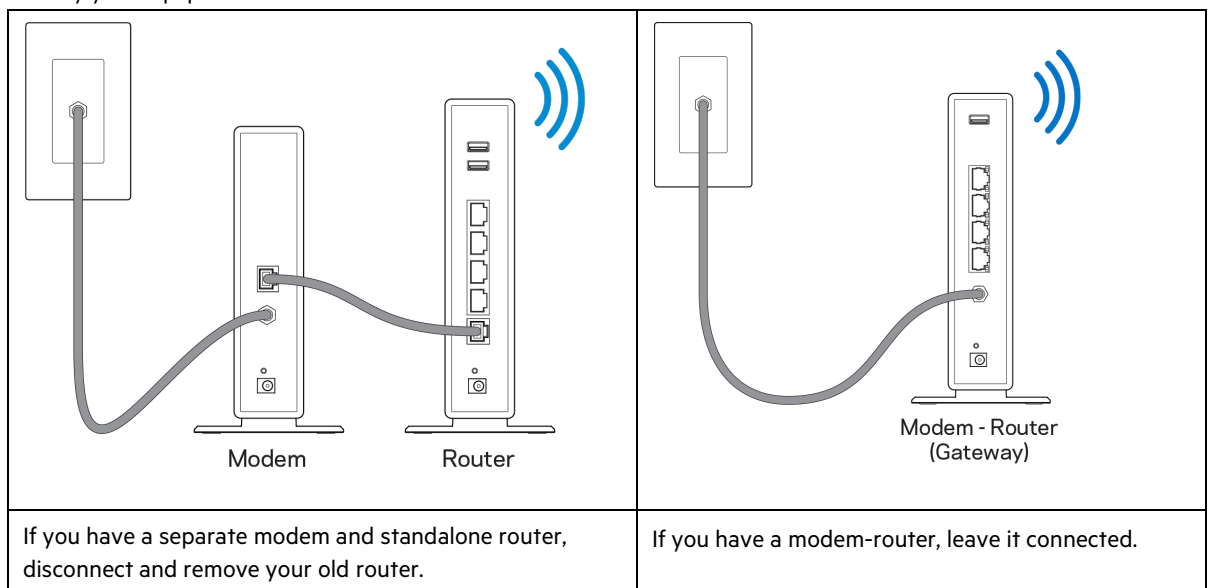In addition to this user guide, you can find help at these locations:

- Linksys.com/support/EA7250 or Linksys.com/support/EA7430 (documentation, downloads, FAQs, technical support, live chat, forums)
- Go to www.LinksysSmartWiFi.com and click Help at the top of the screen)

Note—*Licenses and notices for third party software used in this product may be viewed on http://support.linksys.com/en-us/license. Please contact http://support.linksys.com/en-us/gplcodecenter for questions or GPL source code requests.*

How to install your router

1. To complete setup, you will need a computer to visit **http://LinksysSmartWiFi.com** in a web browser.
2. Identify your equipment.

Modem Router	Modem - Router (Gateway)
If you have a separate modem and standalone router, disconnect and remove your old router.	If you have a modem-router, leave it connected.

3. Position the antennas straight up and plug in the router to a power source. Make sure the power switch in the | (on) position.
4. Connect your router to your modem or modem-router. Plug one end of the included internet cable to the yellow Internet port on your new router. If you have a modem, plug the other end into the Ethernet (LAN) port on the modem. If you have a modem-router, plug into any available port.
5. Wait until the illuminated Linksys LED on the top of your router stops blinking and is solid white.
6. Connect to the Wi-Fi name shown in the Quick Start Guide that came with your router. (You can change these details later.) If you need help connecting to the network refer to your device documentation at linksys.com/support/EA7250 or Linksys.com/support/EA7430.

> **Note**—*You will not have internet access until router setup is complete.*

7. Enter http://LinksysSmartWiFi.com in a web browser. Follow the on-screen instructions to complete your router setup. You also can type 192.168.1.1 in a browser to start setup.

At the end of setup, follow the on-screen instructions to set up your Linksys account. Configure your router from any computer with an internet connection by going to www.LinksysSmartWiFi.com.

Manage your router's settings:

- Change your router's name and password
- Set up guest access
- Configure parental controls
- Connect devices to your network
- Test your internet connection speed

Note—*You will receive a verification e-mail when you create an account. From your home network, click the link in the email to link your router and your account.*

Tip—*Print the next page, then record your router and account settings in the table below as a reference. Store your notes in a safe place.*

|	
2.4 GHz Wi-Fi Name	
Password	
5 GHz Wi-Fi Name	
Password	
Router Password	
Guest Wi-Fi Name	
Password	
www.LinksysSmartWiFi.com Username	
www.LinksysSmartWiFi.com Password	

www.LinksysSmartWiFi.com

You can configure your router from anywhere in the world at www.LinksysSmartWiFi.com, but you can also configure your router directly from your home network. You can also use the Linksys app for iPhones and Android devices. See your device's app store for information.

How to log in to www.LinksysSmartWiFi.com

1. Open your computer's web browser.
2. Go to www.LinksysSmartWiFi.com and log in to your account.
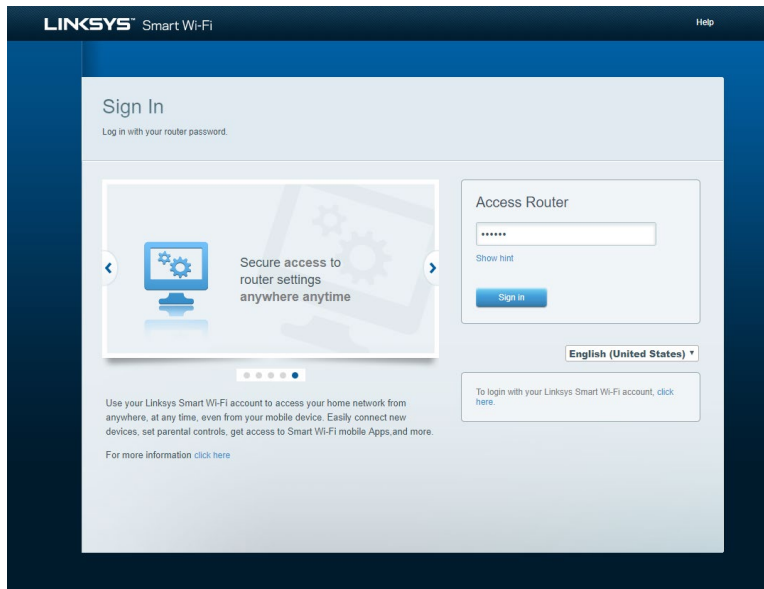
If you can't remember your password, click *Forgot your password?* and follow the on-screen instructions to recover it. For help, go to www.LinksysSmartWiFi.com and click Help at the top of the main screen.
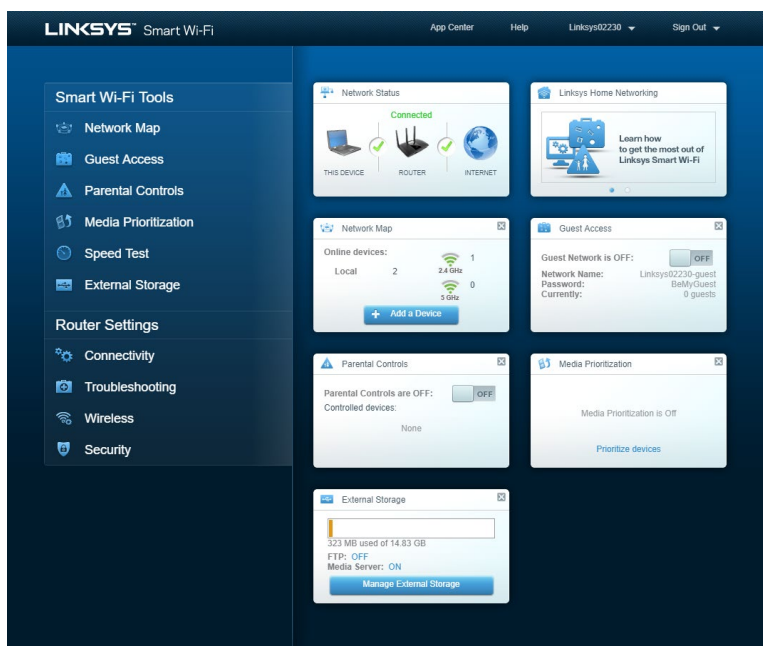
IMPORTANT—Once you have installed your router and logged in to www.LinksysSmartWiFi.com, be sure to enable HTTPS under Local Management Access. This boosts security when accessing your router locally (without the internet).

After logging in to www.LinksysSmartWiFi.com, go to Connectivity > Administration and check the box next to HTTPS under Local Management Access. Be sure to click Apply in the bottom right of the screen.
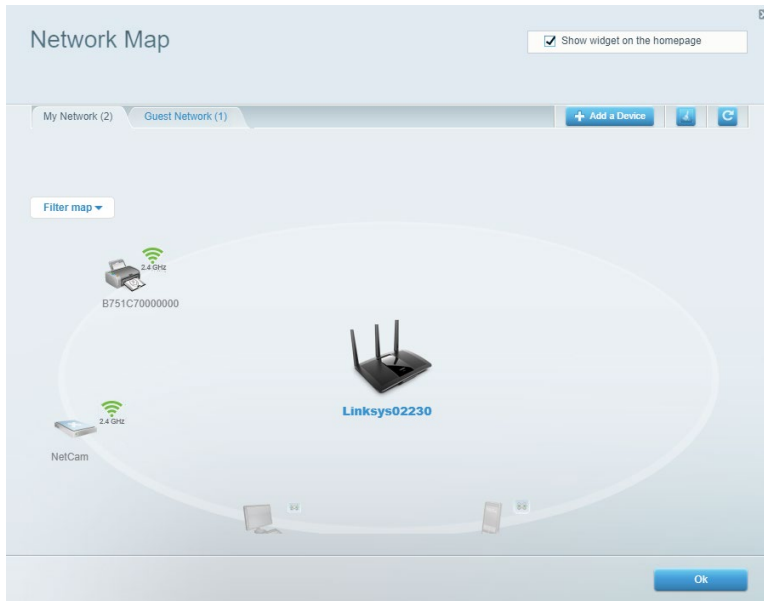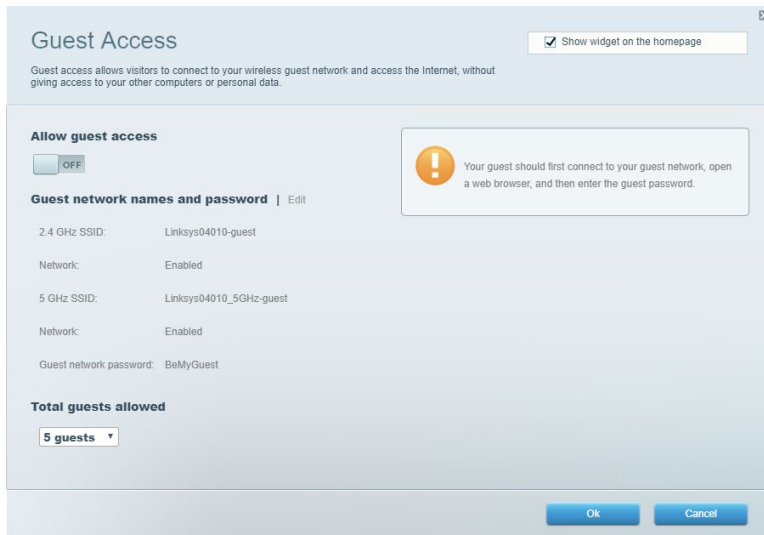
Network Map

Display and manage all network devices connected to your router. View devices on your main network and guest network, or display information about each device.
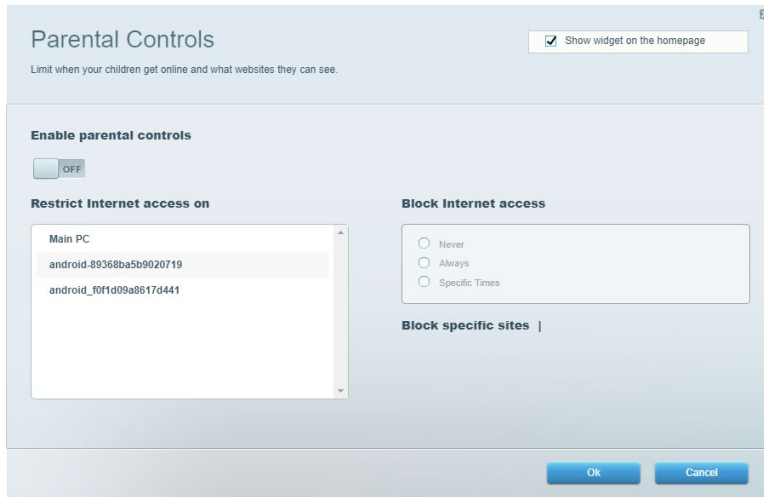

Guest Access

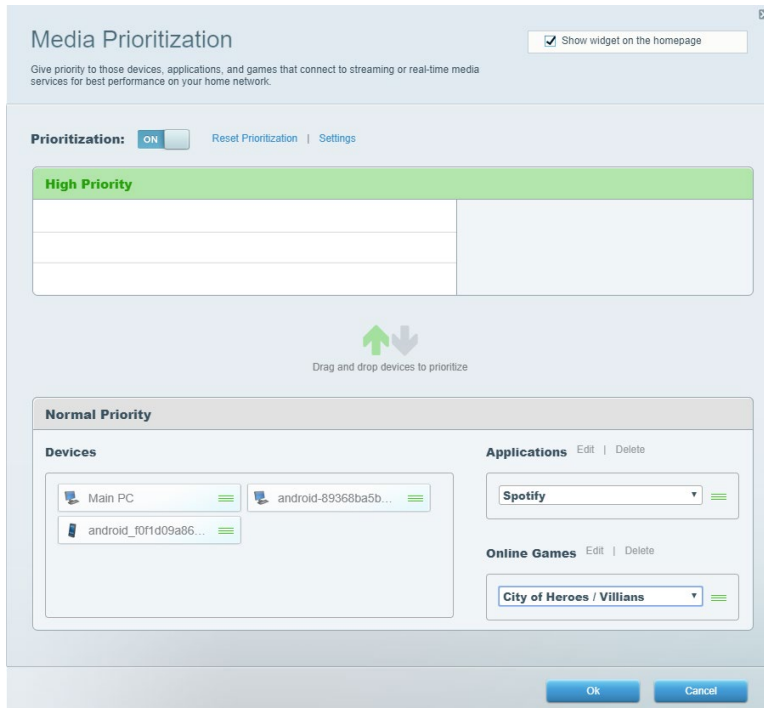Set up and monitor a network that guests can use without accessing all of your network resources.

Parental Controls
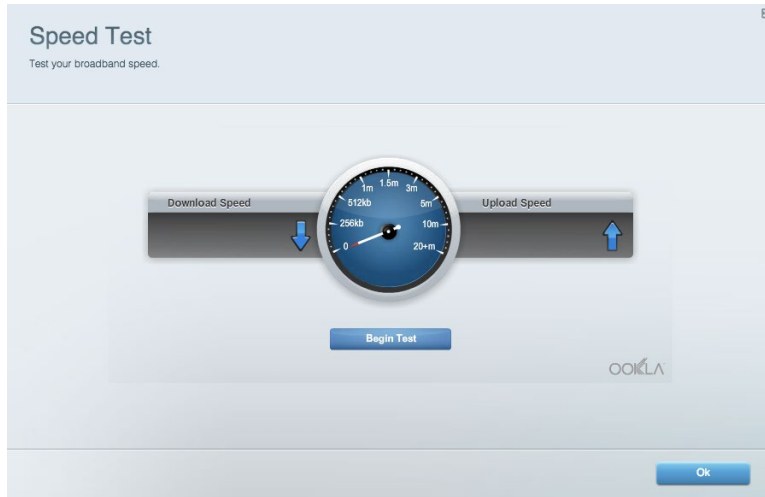
Block web sites and set internet access times.

Media Prioritization

Set which devices and applications have top priority for your network traffic.
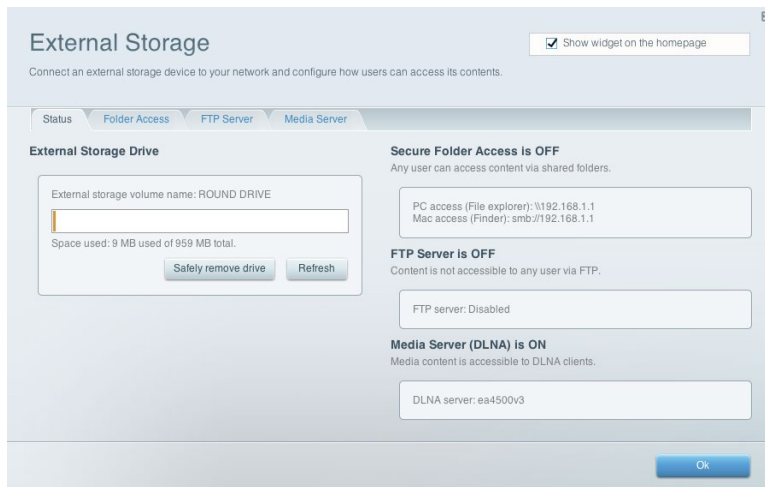
Speed Test

Test your network's internet connection speed.

External Storage

Access an attached USB drive (not included) and set up file sharing, media server, and FTP access.

Connectivity

Manage basic and advanced network settings.

Troubleshooting

Diagnose problems with your router and check the status of the network.

Wireless

Change your router's security mode, password, MAC filtering settings, and connect devices using Wi-Fi Protected Setup.

Security

Set up your router's wireless security. Set up a firewall, VPN settings, and make custom settings for applications and games.

Troubleshooting

You can find more help from our award-winning customer support at Linksys.com/support/EA7250 or Linksys.com/support/EA7430.

Your router was not successfully set up

If you could not complete the setup wizard, you can try the following:

- Press and hold the Reset button on your router with a paperclip or pin until the light starts blinking (about 10 seconds). Install the router again.
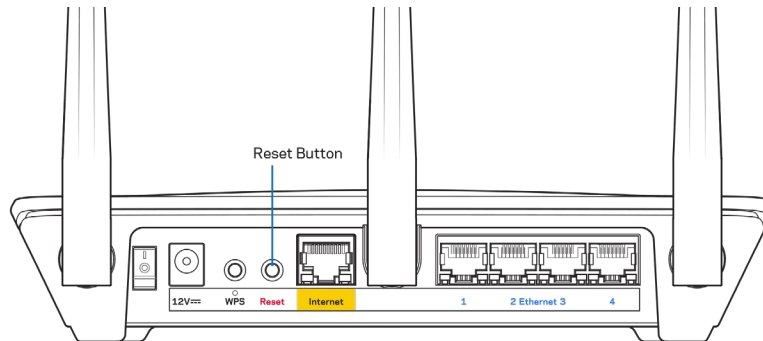
- Temporarily disable your computer's firewall (see the security software's instructions for help). Install the router again.
- If you have another computer, use that computer to install the router again.

Your Internet cable is not plugged in message

If you get a "Your Internet cable is not plugged in" message when trying to set up your router, follow these troubleshooting steps.

- Make sure that an ethernet cable (like the one supplied with your router) is securely connected to the yellow Internet port on the back of the router and to the appropriate port on your modem. This port on the modem is usually labeled Ethernet, but may be named Internet or WAN.
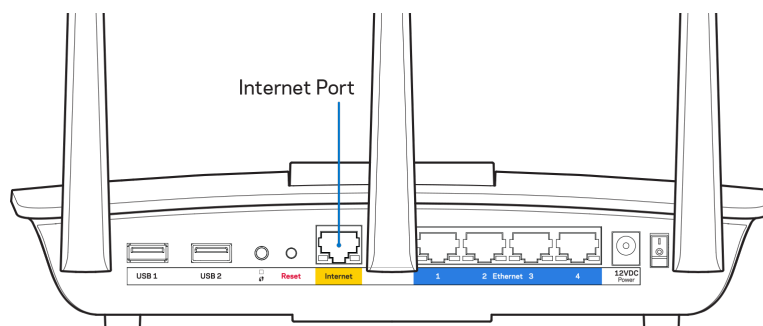
- Make sure that your modem is connected to power and is turned on. Make sure the power switch is set to the ON or l (as opposed to O) position.

- If your internet service is cable, verify that the cable modem's CABLE port is connected to the coaxial cable provided by your ISP.
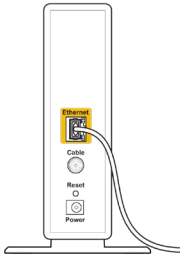
Back view of cable modem

- If your internet service is DSL, make sure that the DSL phone line is connected to the modem's DSL port.
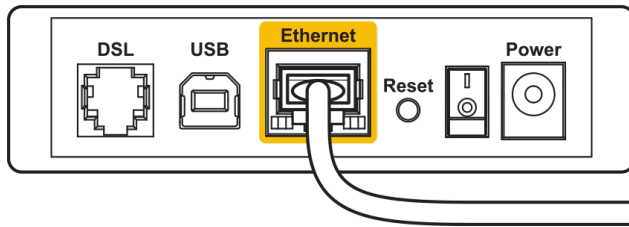
Back view of DSL modem

- If your computer was previously connected to your modem with a USB cable, disconnect the USB cable.
- Install the router again.

Cannot access your router message

To access your router, you must be connected to the router's network. If you have wireless internet access, the problem may be that you have accidentally connected to a different wireless network.

To fix the problem on Windows computers, do the following*:

1. Click on the wireless icon in the system tray. A list of available networks will appear.

2. Click your own network name. Click Connect. In the example below, the computer was connected to another wireless network named wraith_5GHz. The wireless network name of the Linksys EA7250 or EA7430 router, Damaged_Beez2.4 in this example, is shown selected.
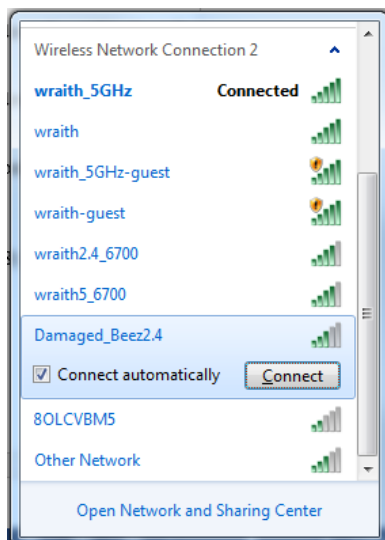
3. If you are prompted to enter a network security key, type your password (security key) into the network security key field. Click OK.

4. Your computer will connect to the network, and you should be able to access the router.

*Depending on your version of Windows, there could be some differences in wording or icons in these steps.

To fix the problem on Mac computers, do the following:

1. In the menu bar across the top of the screen, click the Wi-Fi icon. A list of wireless networks will appear.

2. In the example below, the computer was connected to another wireless network named wraith_5GHz. The wireless network name of the Linksys EA7250 or EA7430 router, Damaged_Beez2.4 in this example, is shown selected.

3. Click the wireless network name of your Linksys EA7250 or EA7430 router (Damaged_Beez2.4 in the example).
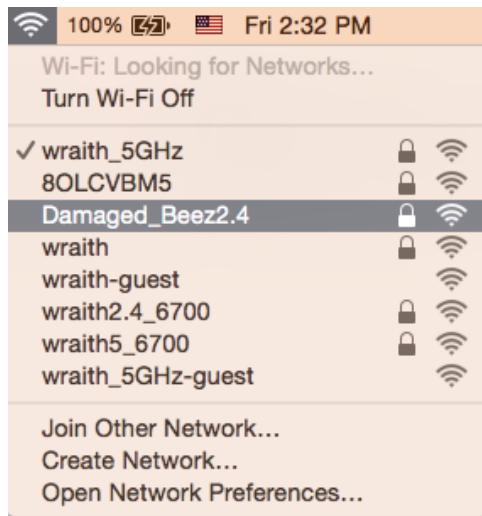
4. Type your wireless network password (Security Key) into the Password field. Click OK.

After setup

The internet appears to be unavailable

If the internet has difficulty communicating with your router, the problem may appear as a "Cannot find [Internet address]" message in your web browser. If you know that the internet address is correct, and if you've tried several valid internet addresses with the same result, the message could mean that there's a problem with your ISP or modem communicating with your router.

Try the following:

● Make sure that the network and power cables are securely connected.

● Make sure that the power outlet that your router is connected to has power.

● Reboot your router.

● Contact your ISP and ask about outages in your area.

A common way to get your router working again is to reboot it (turn it off, then back on again).

To reboot your router using the power cord:

1. Disconnect the power cord from the router and the modem.

2. Wait 10 seconds and reconnect the power cord to the modem. Make sure it has power.

3. Wait until the modem's online indicator has stopped blinking (about two minutes). Reconnect the power cord to the router.

4. Wait until the light on top of the router stops blinking. Wait two minutes before trying to connect to the internet from a computer.

To reboot your router at www.LinksysSmartWiFi.com:

1. Log in to www.LinksysSmartWiFi.com. (See "How to log in to www.LinksysSmartWiFi.com" on page 8.)

2. Under *Router Settings*, click *Troubleshooting*.

3. Click the *Diagnostics* tab.

4. Under *Reboot*, click **Reboot**.

5. Click **Yes**. The router will restart. While the router is restarting, all connected devices will lose their internet connection, and will automatically reconnect when the router is ready again.

www.LinksysSmartWiFi.com does not open in your web browser

Make sure you have the latest versions of Google Chrome, Firefox, Safari (for Mac and iPad), Microsoft Edge, or Internet Explorer.

Specifications

Linksys EA7250 / EA7430

Model Name	MAX-STREAM Dual-Band WiFi 5 Router
Model Number	EA7250/EA7430
Switch Port Speed	10/100/1000 Mbps (Gigabit Ethernet)
Radio Frequency	2.4 GHz and 5 GHz
# of Antennas	3 external adjustable antennas
Ports	Power, USB 3.0, Internet, Ethernet (1-4)
Buttons	Reset, Wi-Fi Protected Setup, Power
LEDs	Top panel: system status light Back panel: Internet, Ethernet (1-4)
UPnP	Supported
Security Features	WPA2, RADIUS
Security Key Bits	Up to 128-bit encryption
Storage File System Support	FAT, FAT32, NTFS, and HFS+
Browser Support	Latest versions of Google Chrome™, Firefox®, Safari® (for Mac® and iPad®), Microsoft Edge, and Internet Explorer® version 8 and newer work with Linksys Smart Wi-Fi

Environmental

Dimensions	10.12" x 7.24" x 2.2" (257 x 184 x 56 mm) without antennas
Unit Weight	0.88 lbs. (400g) with antennas 0.80 lbs. (365g) without antennas
Power	12V, 2A
Certifications	FCC, IC, CE, Wi-Fi a/b/g/n/ac, Windows 7, Windows 8
Operating Temperature	32 to 104°F (0 to 40°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	10% to 80% relative humidity, non-condensing
Storage Humidity	5% to 90% non-condensing

Specifications are subject to change without notice.

Notes:

For regulatory, warranty, and safety information, go to Linksys.com/support/EA7250 or Linksys.com/support/EA7430.

Maximum performance derived from IEEE Standard 802.11 specifications. Actual performance can vary, including lower wireless network capacity, data throughput rate, range and coverage. Performance depends on many factors, conditions and variables, including distance from the access point, volume of network traffic, building materials and construction, operating system used, mix of wireless products used, interference and other adverse conditions.

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