

# LINKSYS®

User Guide

## **N600 / AC1000 / AC1200** **DUAL-BAND ROUTER**

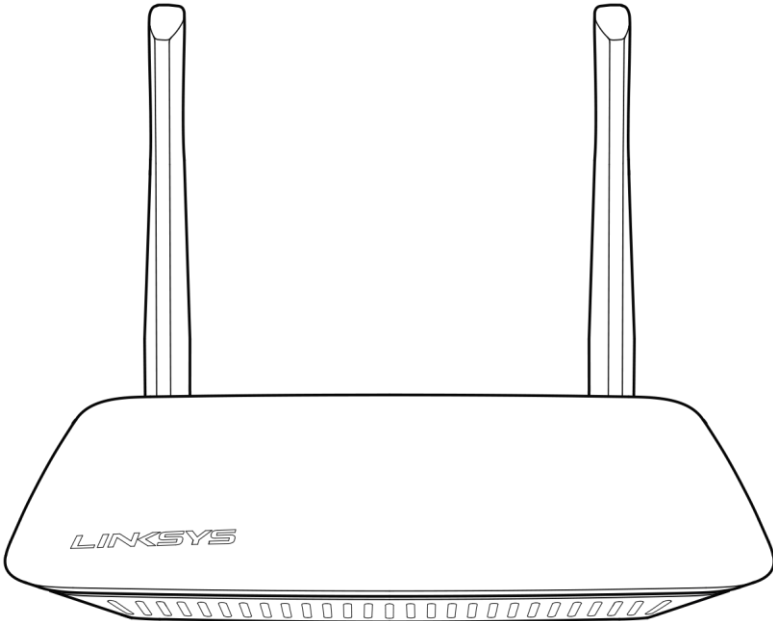
Model # E2500 / E5350 / E5400 / E5450

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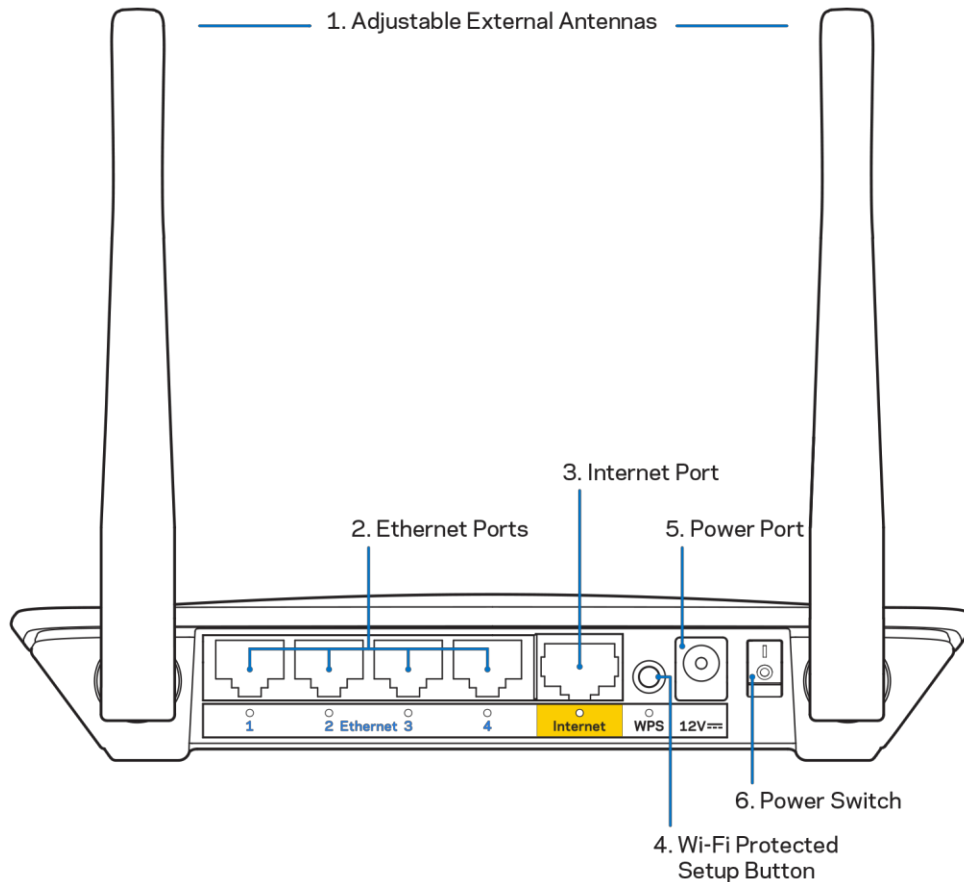
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# Product Overview

## Top view



## Back view



- 1. Adjustable external antennas**—This router ships with 2 external antennas that should be connected to the router.  
*Note*—For best performance, position the antennas vertically as shown in the picture.
- 2. Ethernet ports**—Connect Ethernet cables (also called network or internet cables) to these Fast Ethernet (10/100) ports and to other wired devices on your network.
- 3. Internet port**—Connect an Ethernet cable to this port and to your modem.
- 4. Wi-Fi Protected Setup™ (WPS) button**—Press to easily configure wireless security on Wi-Fi Protected Setup-enabled network devices.
- 5. Power port**—Connect the included AC power adapter to this port.
- 6. Power switch (not applicable in US and Canada)**—Press | (on) to power on the router.

# Setting Up: Basics

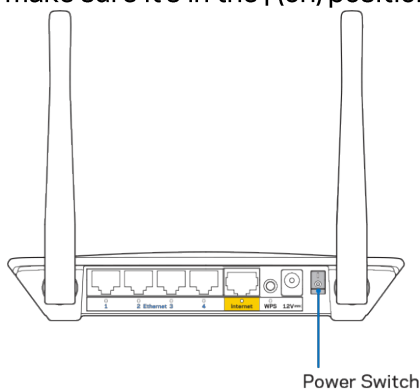
## Where to find more help

In addition to this user guide, you can find help at [Linksys.com/support/E2500](http://Linksys.com/support/E2500) or [Linksys.com/support/E5350](http://Linksys.com/support/E5350) or [Linksys.com/support/E5400](http://Linksys.com/support/E5400) or [Linksys.com/support/E5450](http://Linksys.com/support/E5450) (documentation, downloads, FAQs, technical support, live chat, forums)

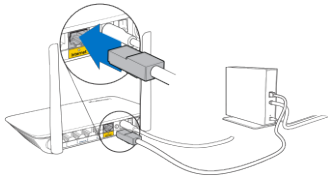
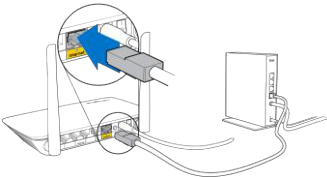
**Note**—Licenses and notices for third party software used in this product may be viewed on <http://support.linksys.com/en-us/license>. Please contact <http://support.linksys.com/en-us/gplcodecenter> for questions or GPL source code requests.

## How to install your router

1. If replacing an existing router, disconnect that router first.
2. Connect the antennas and plug in the router to a power source. If you have a power switch, make sure it's in the | (on) position.



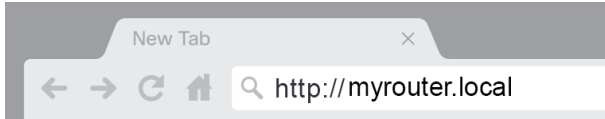
3. Connect your new router to your modem or modem-router.

<p><b>A</b> Modem</p> 	<b>OR</b>	<p><b>B</b> Modem-Router</p> 
<p>Plug one end of the included ethernet cable into the yellow Internet port on your new router. If you have a modem, plug the other end into the <b>Ethernet (LAN) port</b> on the modem.</p>		<p>Plug one end of the included ethernet cable to the yellow Internet port on your new router. If you have a modem-router, plug the other end into <b>any available port</b>.</p>

4. Connect to the network name shown in the Quick Start Guide that came with your router. (You can change the network name and password later.) Select the option to automatically connect to this network in the future. If you need help connecting to the network refer to your device documentation on the provided CD.

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

5. Enter `http://myrouter.local` in a web browser. Follow the on-screen instructions to complete setup. You also can enter `192.168.1.1` in a browser to start setup.



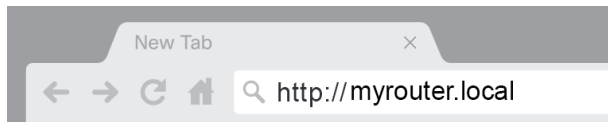
6. Once you are finished with setup, please be sure to register your router so we can keep you informed security updates, product recalls and other things that will improve your experience.

A screenshot of the Linksys registration page. The page has a blue header with the Linksys logo and the text 'Next-Gen AC Wireless Range Extender'. The main heading is 'Register your product'. Below this is a paragraph explaining the benefits of registration. There is an input field for 'Email Address'. Below the input field is a checkbox with the text 'Linksys may also email me to keep me up to date with special offers and information from Linksys. You can unsubscribe at any time by using the link at the end of any email we send. Read our Privacy Policy here.' At the bottom right, there are two buttons: 'Skip' and 'Next'. At the bottom left, there is a small copyright notice: '© 2017 Belkin International, Inc. and/or its affiliates. All rights reserved.'

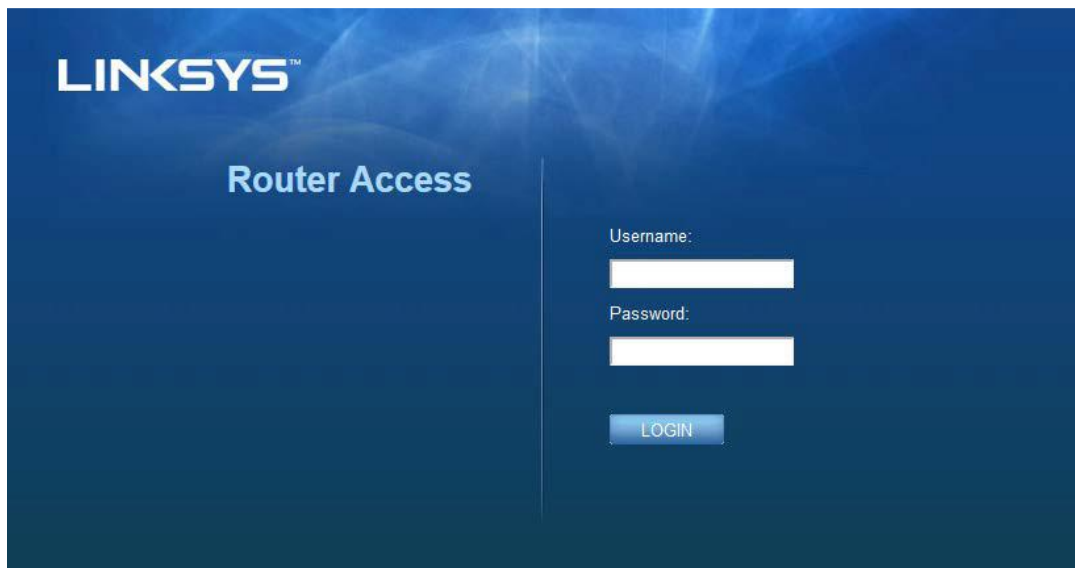
# Advanced Configuration

## How to open the browser-based utility

To access some advanced settings, you need to open the browser-based utility. Make sure you are connected to the router, open a web browser and enter <http://myrouter.local> in a web browser or go to 192.168.1.1.



The router will prompt you for a username and password.



If you changed the password during setup, enter "admin" in the Username field and the new password. Click **LOGIN**. If you didn't change the password, or skipped setup altogether, the default username and password are "admin" and "admin".

# Basic Router Settings

This screen allows you to change the router's basic configuration.

The screenshot shows the Linksys web interface for an N600 Wi-Fi Router (E2500). The top navigation bar includes 'System Status', 'Configuration', 'Parental Controls', and 'Troubleshooting'. The 'Configuration' tab is active, and the 'Local Network' section is selected in the left sidebar. The main content area displays the following settings:

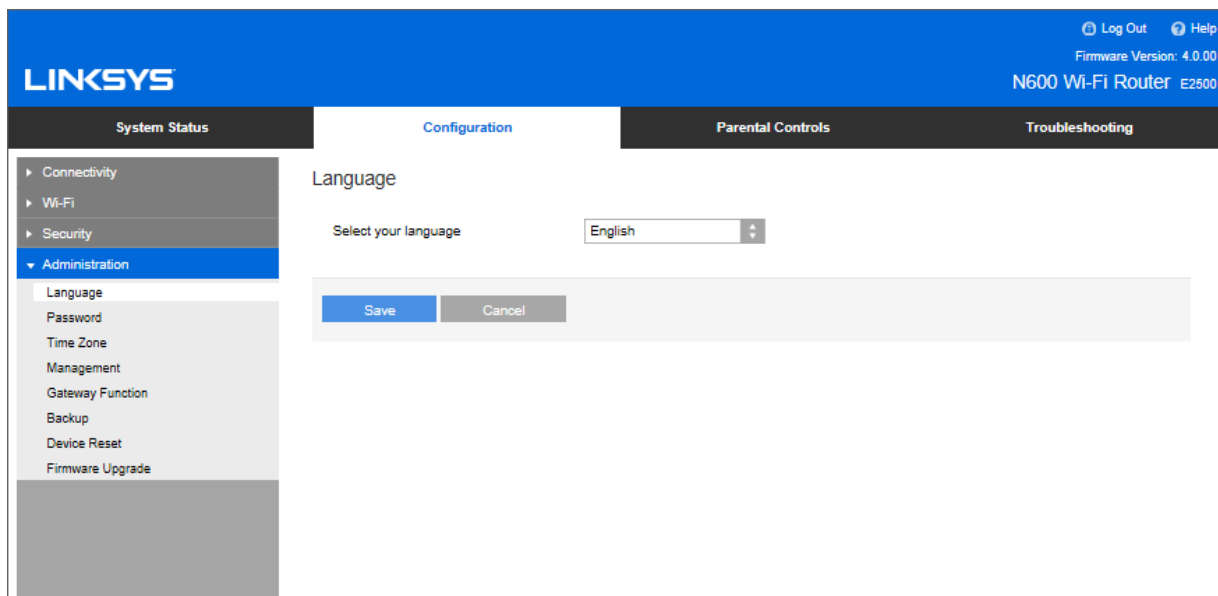
- Router Address:**
  - IP Address: 192 . 168 . 1 . 1
  - Subnet Mask: 255.255.255.0
  - Router Name: Linksys12345
- DHCP Server Setting:**
  - DHCP Server:  DHCP Reservation
  - Start IP Address: 192 . 168 . 1 . 100
  - Maximum Number of Users: 50
  - IP Address Range: 192 . 168 . 1 . 100 to 149
  - Client Lease Time: 0 minutes (0 means one day)
  - Static DNS 1: 7 . 7 . 7 . 7
  - Static DNS 2: 192 . 168 . 2 . 1
  - Static DNS 3: 192 . 168 . 3 . 1
  - WINS: 0 . 0 . 0 . 0

At the bottom of the configuration area, there are 'Save' and 'Cancel' buttons.



## Language

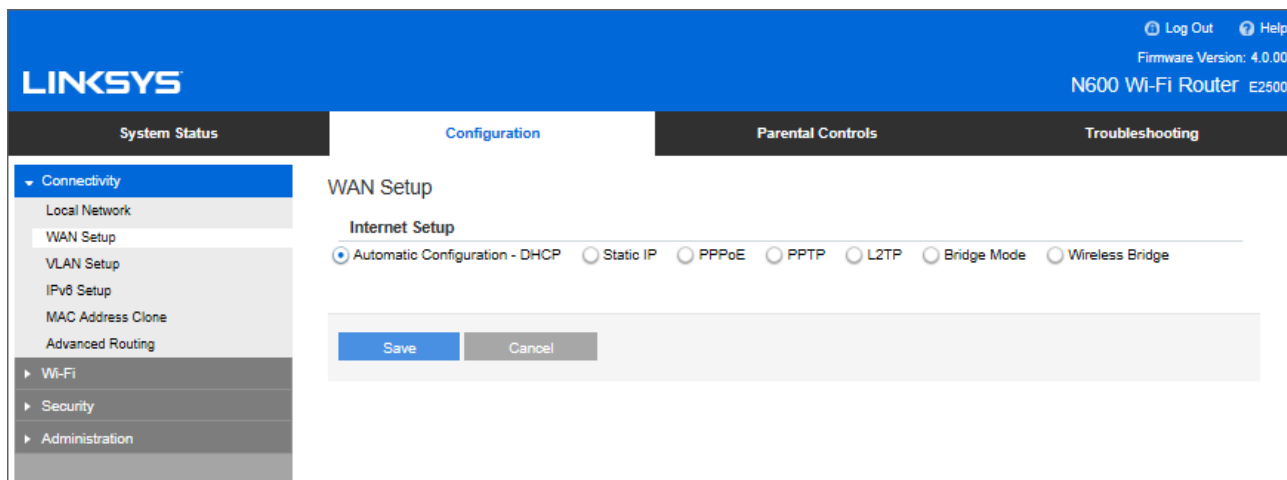
**Select your language**—To change language, select one from the drop-down menu. The language of the browser-based utility will change within five seconds.



## Internet Setup

The Internet Setup section configures the router to your internet connection. This information can be provided by your Internet Service Provider (ISP).

**Internet Connection Type**—Select the type of internet connection your ISP provides from the drop-down menu.



- **Automatic Configuration - DHCP** (default)  
Keep the default only if your ISP supports DHCP or if you connect using a dynamic IP address. (This option usually applies to cable connections.)
- **Static IP**  
Select if you are required to use a fixed IP address to connect to the internet.
- **PPPoE**  
Select if you have a DSL connection and your ISP uses Point-to-Point Protocol over Ethernet (PPPoE).
- **PPTP**  
Point-to-Point Tunneling Protocol (PPTP) is a service that generally applies to connections in Europe. If your PPTP connection supports DHCP or a dynamic IP address, select *Obtain an IP Address Automatically*. If you are required to use a fixed IP address to connect to the internet, select *Specify an IP Address* and configure the options that appear.
- **L2TP**  
Layer 2 Tunneling Protocol (L2TP) is a service that generally applies to connections in Israel.  
*Note—Connect on Demand or Keep Alive are options when choosing PPPoE, PPTP and L2TP. They let you choose whether the router connects to the internet only as needed (useful if your ISP charges for connect time), or if the router should always be connected. Select the appropriate option.*
- **Bridge Mode**  
Bridge Mode disables all router capabilities and turns the router into an access point. The router will cease to act as a DHCP server and its built-in firewall as well as the NAT features will no longer be in effect.
- **Wireless Bridge**  
A wireless bridge wirelessly connects to your main router and can share the internet connection with devices connected to the bridge's Ethernet ports.

# Basic Wireless Settings

The screenshot shows the Linksys web interface for an N600 Wi-Fi Router. The top navigation bar includes 'System Status', 'Configuration', 'Parental Controls', and 'Troubleshooting'. The 'Configuration' tab is active, and the 'Wi-Fi' section is expanded in the left sidebar. The main content area is titled 'Basic Wireless Settings' and is divided into two sections: '5 GHz Wireless Settings' and '2.4 GHz Wireless Settings'. Each section has a 'Network Mode' dropdown menu, a 'Network Name (SSID)' text input, a 'Channel Width' dropdown, a 'Channel' dropdown, and an 'SSID Broadcast' checkbox. The '5 GHz' settings are currently set to 'Mixed', 'RTDEV\_AP', 'Auto (20 MHz or 40 MHz)', 'Auto (DFS)', and checked. The '2.4 GHz' settings are set to 'Mixed', 'Linksys06000', 'Auto (20 MHz or 40 MHz)', 'Auto', and checked. At the bottom of the settings area are 'Save' and 'Cancel' buttons.

**Network Mode**—Select the wireless standards your network will support.

- **Mixed** (default)  
Keep the default if you have Wireless-N (2.4 GHz), Wireless-G, and Wireless-B devices in your network.
- **Wireless-A Only**  
Select if you have only Wireless-A devices.
- **Wireless-N Only**  
Select if you have only Wireless-N (2.4 GHz) devices.
- **Disabled**  
Select if you have no Wireless-B, Wireless-G, and Wireless-N (2.4 GHz) devices in your network.

**Note**—You may select *Mixed*, *Wireless-A/N Only* or *Disabled* for the 5 GHz band. If you are not sure which mode to select, keep the default, *Mixed*.

## Network Name (SSID)

The Service Set Identifier (SSID) is a name used by devices to connect to a wireless network. SSIDs are case-sensitive and must not exceed 32 characters. The default SSIDs for the 2.4 GHz and 5 GHz networks are LinksysXXXXX and LinksysXXXXX\_5GHz, respectively. The Xs represent the last five digits of the router's serial number, which can be found on the bottom of the router. If you changed the SSID, both bands have the new SSIDs. You may give them different names through the browser-based utility.

**Note**—*If you restore the router's factory default settings (by pressing the Reset button or using the Administration > Factory Defaults screen), the Network Name will return to its default value. Change the Network Name back to its original name, or you will have to reconnect all devices on your wireless network to the new network name.*

## Channel Width

Keep the default, Auto (20 MHz or 40 MHz), for best performance in a 2.4 GHz network using Wireless-B, Wireless-G and Wireless-N (2.4 GHz) devices. For a channel width of 20 MHz, select 20 MHz only. For the best performance in a 5 GHz network, keep the default 20, 40 or 80 MHz.

## Channel

Select the channel from the drop-down list. Keep the default, Auto, if you are not sure which channel to select.

## SSID Broadcast

Keep the default, Enabled, to broadcast the router's SSID. When wireless clients survey the local area for wireless networks to associate with they will detect the SSID broadcast by the router. Attempting to hide your Wi-Fi name does not make your Wi-Fi more secure. Anyone truly interested in accessing your network can find it even if you turn off this feature. If you still do not want to broadcast the router's SSID, select Disabled.

# Wireless Security

The router offers the following wireless security options:

WPA2 Personal / WPA2 Enterprise (WPA stands for Wi-Fi Protected Access.)

Security Option	Strength
WPA2 Personal	Strongest
WPA2 Enterprise	

## Security Option Settings

### WPA2 Personal

*If you select WPA2 Personal, each device in your wireless network MUST use WPA2 Personal and the same passphrase.*

Security Mode	WPA2 Personal
---------------	---------------

**Passphrase**—Enter a passphrase of 8-63 characters. This is the Wi-Fi password that provides access to the network. It can be the same as entered in setup.

### Disabled

If you choose to disable wireless security, you will be informed that wireless security is disabled when you first attempt to access the internet. You will be given the option to enable wireless security, or confirm that you understand the risks but still wish to proceed without wireless security.

Security Mode	Disabled
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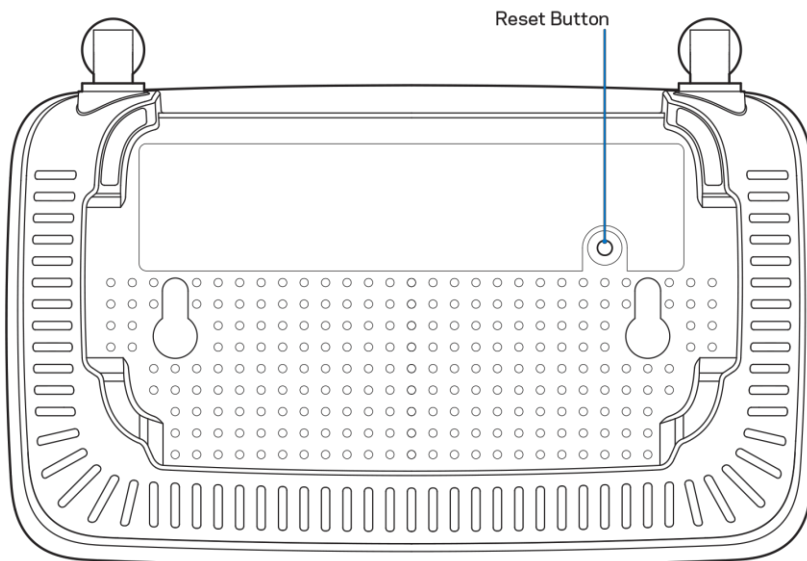
# Troubleshooting

You can find more help from our award-winning customer support at [Linksys.com/support/E8400](https://Linksys.com/support/E8400).

## Your router was not successfully set up

If you could not complete setup in the browser-based interface, you can try the following:

- Press and hold the Reset button on your router with a paperclip or pin until the illuminated Linksys logo turns off and starts blinking (about 10 seconds). Type 192.168.1.1 in a browser to try setup again.

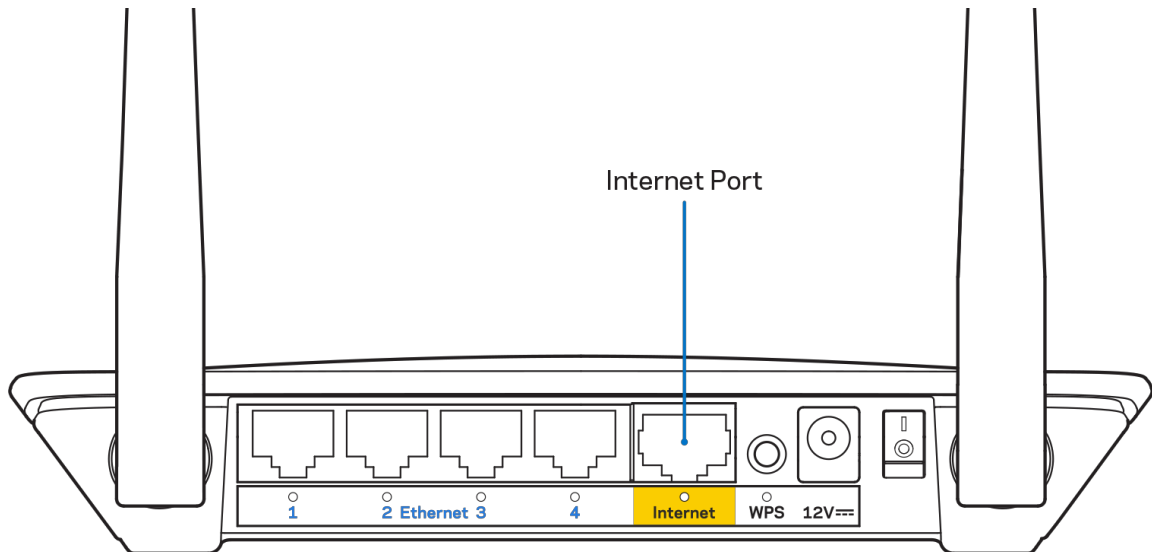


- Temporarily disable your computer's firewall (see the security software's instructions for help). Install the router again.
- If you have another computer, use that computer to install the router.

## 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:

- Make sure that an ethernet or internet cable (or a 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.



- Make sure that your modem is connected to power and is turned on.

<p>Back view of cable modem</p> <p>Back view of Modem - Router</p>	<p>Back view of DSL modem</p>
<p>If your internet service is cable, verify that the cable modem's CABLE port is connected to the coaxial cable provided by your ISP.</p>	<p>If your internet service is DSL, make sure that the DSL phone line is connected to the modem's DSL port.</p>

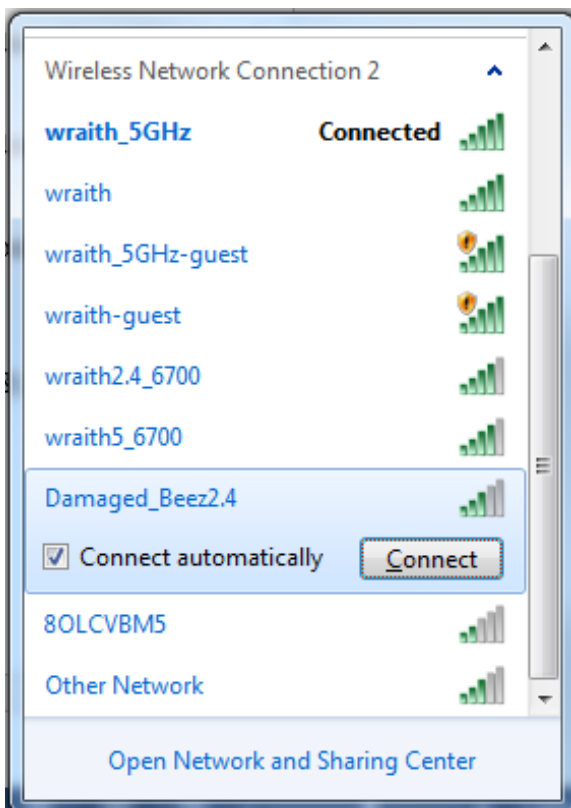
- If your computer was previously connected to your modem with a USB cable, disconnect the USB cable.
- Install the router again.

## Cannot access your router message

To access your router, you must be connected to your own network. If you currently 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. On your Windows desktop, 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 E series router, Damaged\_Beez2.4 in this example, is shown selected.



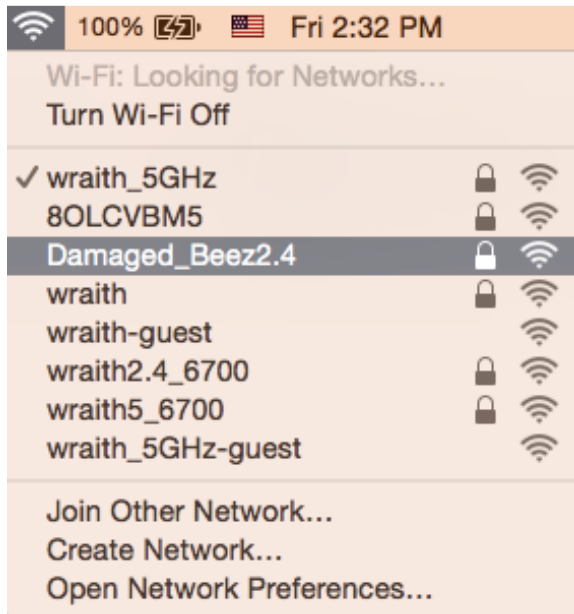
3. If you are prompted to enter a network security key, type your password (security key) into the network security key field. Click **OK**.
4. Your computer will connect to the network, and you should be able to access the router.

*\*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 E series router, Damaged\_Beez2.4 in this example, is shown selected.



3. Click the wireless network name of your Linksys E series 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.

The most common method of troubleshooting your router is to turn it off, then back on again. Your router can then reload its custom settings, and other devices (such as the modem) will be able to rediscover the router and communicate with it. This process is called rebooting.

To restart your router using the power cord, do the following:

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 flashing green LED between the Reset button and power port is solid. Wait two minutes before trying to connect to the internet from a computer.

# Specifications

## Linksys E2500

Model Name	Linksys WiFi Router, N600
Model Number	E2500
Switch Port Speed	10/100 Mbps (Fast Ethernet)
Radio Frequency	2.4 GHz and 5 GHz
# of Antennas	2 external
Ports	Ethernet (1-4), Internet, Power
Buttons	Wi-Fi Protected Setup, Reset, Power Switch (Not available for unit sold in US and Canada)
LEDs	Back panel: Ethernet (1-4), Internet, Wi-Fi, Wi-Fi Protected Setup
UPnP	Supported
Security Features	WPA2 Personal, WPA2 Enterprise
Security Key Bits	Up to 128-bit encryption

## Environmental

Dimensions	6.69" x 4.41" x 1.3" (W x L x D) (170 mm x 112 mm x 33 mm) without antennas
Unit Weight	0.38 lb (172 g) with antennas
Power	12V, 0.5A
Certifications	FCC, IC, CE, Wi-Fi (IEEE 802.11 a/b/g/n)
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

## Linksys E5350

Model Name	Linksys WiFi Router, AC1000
Model Number	E5350
Switch Port Speed	10/100 Mbps (Fast Ethernet)
Radio Frequency	2.4 GHz and 5 GHz
# of Antennas	2 external
Ports	Ethernet (1-4), Internet, Power
Buttons	Wi-Fi Protected Setup, Reset, Power Switch (Not available for unit sold in US and Canada)
LEDs	Back panel: Ethernet (1-4), Internet, Wi-Fi, Wi-Fi Protected Setup
UPnP	Supported
Security Features	WPA2 Personal, WPA2 Enterprise
Security Key Bits	Up to 128-bit encryption

## Environmental

Dimensions	6.69" x 4.41" x 1.3" (W x L x D) (170 mm x 112 mm x 33 mm) without antennas
Unit Weight	0.38 lb (172 g) with antennas
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Certifications	FCC, IC, CE, Wi-Fi (IEEE 802.11 a/b/g/n/ac)
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

## Linksys E5400 / E5450

Model Name	Linksys WiFi Router, AC1200
Model Number	E5400 / E5450
Switch Port Speed	10/100 Mbps (Fast Ethernet)
Radio Frequency	2.4 GHz and 5 GHz
# of Antennas	2 external
Ports	Ethernet (1-4), Internet, Power
Buttons	Wi-Fi Protected Setup, Reset, Power Switch (Not available for unit sold in US and Canada)
LEDs	Back panel: Ethernet (1-4), Internet, Wi-Fi, Wi-Fi Protected Setup
UPnP	Supported
Security Features	WPA2 Personal, WPA2 Enterprise
Security Key Bits	Up to 128-bit encryption

## Environmental

Dimensions	6.69" x 4.41" x 1.3" (W x L x D) (170 mm x 112 mm x 33 mm) without antennas
Unit Weight	0.38 lb (172 g) with antennas
Power	12V, 0.5A
Certifications	FCC, IC, CE, Wi-Fi (IEEE 802.11 a/b/g/n/ac)
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

### Notes:

For regulatory, warranty, and safety information, see the CD that came with your router or go to [Linksys.com/support/E2500](http://Linksys.com/support/E2500) or [linksys.com/support/E5350](http://linksys.com/support/E5350) or [linksys.com/support/E5400](http://linksys.com/support/E5400) or [Linksys.com/support/E5450](http://Linksys.com/support/E5450).

Specifications are subject to change without notice.

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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LNKPG-00988 Rev A00

**Linksys Classic Micro Router 5**  
E5400, E5300, E5350, E2500 V4, E5450

## Regulatory Information

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## Wireless Regulatory Information

### FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

This product has been tested and complies with the specifications for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which is found by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and devices
- Connect the equipment to an outlet other than the receiver's
- Consult a dealer or an experienced radio/TV technician for assistance

### FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

2.4 GHz operation of this product in the USA is firmware-limited to channels 1 through 11. Selection of other channels is not possible.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

## Innovation, Science and Economic Development Canada Statement

CAN ICES-003(B) / NMB-003(B)

This device complies with ISED's license-exempt RSS standards. Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

For product available in the USA/Canada market, only channel 1~11 can be operated for 2.4 GHz. Selection of other channels is not possible. The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

## Innovation, Science and Economic Development Canada Radiation Exposure Statement

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with ISED multi-transmitter product procedures.

### Restrictions in the 5 GHz Band

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems.

This device has been designed to operate with an antenna having a maximum gain of 2.53 dBi and 3.37 dBi at 2.4 GHz and 5 GHz respectively. Antenna having a higher gain is strictly prohibited per regulations of ISED. The required antenna impedance is 50 ohms.

The maximum antenna gain (Please see the table below) permitted (for devices in the bands 5250-5350 MHz and 5470-5725 MHz) to comply with the EIRP limit and the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the EIRP limits specified for point-to-point and non-point-to-point operation as appropriate because high power radars are allocated as primary users (meaning they have priority) in 5250-5350 MHz and 5650-5850 MHz, these radars could cause interference and/or damage to license exempt LAN devices. The worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in Section 6.2.2(3) shall be clearly indicated.



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No.	Antenna Type	For 2.4 GHz Gain (dBi)	For 5 GHz Gain (dBi)	Antenna Connector
1	Dipole	2.52	3.37	I-PEX
2	Dipole	2.53	3.28	I-PEX

### **Additional requirements for the band 5600-5650 MHz**

Until further notice, devices subject to this Section shall not be capable of transmitting in the band 5600-5650 MHz, so that Environment Canada weather radars operating in this band are protected.

### **Avis d'Innovation, Sciences et Développement économique Canada**

CAN ICES-003(B) / NMB-003(B).

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée seulement aux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) il doit accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Pour les produits disponibles sur le marché aux États-Unis et au Canada, seuls les canaux de 1 à 11 peuvent être utilisés. La sélection d'autres canaux n'est pas possible.

Le dispositif peut automatiquement cesser d'émettre en cas d'absence d'informations à transmettre, ou à cause d'une défaillance technique. Notez que l'objet n'est pas d'interdire la transmission des informations de contrôle ou de signalisation ou l'utilisation de codes répétitifs lorsque requis par la technologie.

### **Avis d'Innovation, Sciences et Développement économique Canada concernant l'exposition aux radiofréquences**

Ce matériel est conforme aux limites établies par ISED en matière d'exposition aux radiofréquences dans un environnement non contrôlé. Ce matériel doit être installé et utilisé à une distance d'au moins 20 cm entre l'antenne et le corps de l'utilisateur.

Cet appareil et son (ses) antenne (s) ne doivent pas être situés à proximité ou fonctionner en association avec une autre antenne ou un autre émetteur autre qu'en respectant les procédures d'ISED relatives au fonctionnement des dispositifs multi-émetteurs.

### **Restrictions dans la bande 5 GHz**

L'appareil pour la bande de 5150 à 5250 MHz est conçu pour usage à l'intérieur seulement afin de réduire le potentiel d'interférences pour les systèmes mobiles par satellite qui utilisent le même canal. Cet appareil a été conçu pour fonctionner avec une antenne ayant un gain maximum de 2.53 dBi et 3.37 dBi sur les bandes 2.4Ghz et 5 Ghz respectivement. L'utilisation

d'antenne ayant un gain supérieur est strictement interdit par le règlement d'ISED. L'impédance d'antenne requise est 50 ohms.

Le gain maximum autorisé (voir le tableau ci-dessous pour les appareils dans les bandes 5250-5350 Mhz et 5470-5725 Mhz) pour être conforme avec la limite de PIRE et le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée pour l'exploitation point à point et l'exploitation non point à point, selon le cas parce que les radars de haute puissance sont les utilisateurs primaires (c.à.d qu'ils sont prioritaires) dans les bandes 5250-5350 Mhz et 5650-5850 Mhz, ces radars peuvent causer des interférences et endommager les appareils réseaux RL n'ayant pas obtenu de licence. Les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, et énoncée à la section 6.2.2 3), doivent être clairement indiqués.

No.	Type d'antenne	Gain en 2.4 GHz (dBi)	Gain en 5 GHz (dBi)	Connecteur d'antenne
1	Dipole	2.52	3.37	I-PEX
2	Dipole	2.53	3.28	I-PEX

### **Prescriptions supplémentaires pour la bande 5600-5650 MHz**

Jusqu'à nouvel ordre, les appareils faisant l'objet de la présente section ne doivent pas transmettre dans la bande 5600-5650 MHz, afin que les radars météorologiques d'Environnement Canada fonctionnant dans cette bande soient protégés.

### **Wireless Disclaimer**

The maximum performance for wireless is 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.

### **Avis de non-responsabilité concernant les appareils sans fil**

Les performances maximales pour les réseaux sans fil sont tirées des spécifications de la norme IEEE 802.11. Les performances réelles peuvent varier, notamment en fonction de la capacité du réseau sans fil, du débit de la transmission de données, de la portée et de la couverture. Les performances dépendent de facteurs, conditions et variables multiples, en particulier de la distance par rapport au point d'accès, du volume du trafic réseau, des matériaux utilisés dans le bâtiment et du type de construction, du système d'exploitation et de la combinaison de produits sans fil utilisés, des interférences et de toute autre condition défavorable.

## Linksys USA, Inc. Regulatory Information

### Safety Notices

When using this product, basic precautions should always be followed, including, but not limited to, the following:

- Do not use this product near water, for example, in a wet basement or near a swimming pool.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not expose this product to rain or snow. Keep this product away from heat sources, direct sunlight, combustible gas, humidity, water, or other liquids.
- Do not use this product if visible defects are observed or if it has been wet or damaged or modified. Contact the customer service support of Linksys for assistance.
- Do not disassemble, open, microwave, incinerate, paint, insert foreign objects into this product.
- Do not expose this product to fire or high temperature. Exposure to fire or high temperature may cause explosion.
- Do not expose this product to mechanical shock such as crushing, bending, puncturing, or shredding. Avoid dropping or placing heavy objects on this product.
- Please read the operating instructions and information on the minimum and maximum operating temperatures supplied with this product.
- To reduce the risk of injury, close supervision is necessary when this product is used near or by children.
- This product is intended for indoor use only.
- Use of this product in a manner not recommended in these instructions may result in a risk of fire or injury to persons.

### Safety Notices

Pour utiliser ce produit, veuillez prendre, notamment mais non exclusivement, les précautions élémentaires ci-dessous :

- AVERTISSEMENT : N'utilisez pas ce produit à proximité d'une source d'eau, sur un sol humide ou près d'une piscine, par exemple
- AVERTISSEMENT : Évitez d'utiliser ce produit pendant un orage. La foudre pourrait provoquer un choc électrique à distance.
- AVERTISSEMENT : N'exposez pas ce produit à la pluie ou à la neige. Éloignez-le de toute source de chaleur, de la lumière directe du soleil, de tout gaz combustible, de l'humidité, de l'eau ou autre liquide
- AVERTISSEMENT : N'utilisez pas ce produit si des défauts visibles sont observés ou s'il a été endommagé ou modifié. Contactez le service clientèle Linksys pour toute demande d'assistance.
- AVERTISSEMENT : Veuillez ne pas démonter, ouvrir, passer au micro-ondes, incinérer, peindre ou insérer des objets étrangers à l'intérieur de ce produit.
- AVERTISSEMENT : N'exposez pas ce produit au feu ou à des températures très élevées. Une exposition au feu ou à une température élevée peut provoquer une explosion.
- AVERTISSEMENT : N'exposez pas ce produit à un choc mécanique tel que l'écrasement, le pli, la perforation ou le broiement. Évitez de poser ou de placer des objets lourds sur ce produit.

- AVERTISSEMENT : Lisez le mode d'emploi et les informations relatives aux températures de fonctionnement minimales et maximales fournies avec ce produit.
- AVERTISSEMENT : Pour éviter tout risque de blessure, une supervision accrue est nécessaire lorsque ce produit est utilisé à proximité d'enfants.
- AVERTISSEMENT : Ce produit est destiné à une utilisation en intérieur uniquement.
- AVERTISSEMENT : Une utilisation de ce produit contraire aux instructions recommandées peut entraîner un risque d'incendie ou de blessure.

To view full Regulatory Information Documentation, visit <https://www.linksys.com/support-product?sku=LN3101>

And visit [linksys.com/support](https://www.linksys.com/support) for award-winning 24/7 technical support