

Set up the Linksys router with a static IP address

A static IP address is a fixed IP address configured in the settings of your computer or router. Some Internet Service Providers (ISP) require you to enter a static IP address on your computer or the TCP / IP settings of your router to be able to connect to the Internet.

Prepare

Before you start setting up static IP on your router, make sure you do the following:

1. Get the following information from the ISP:

1. Internet IP Address
2. Subnet Mask
3. Default Gateway
4. Domain Name Server (DNS)

2. Make sure there is an active Internet connection when you directly connect a computer to the modem using an Ethernet cable. Check if you can go online using a static IP address on your computer. If not, contact your ISP.

3. If you have just switched ISP and are currently using a static IP connection, you will need to reset the router first. To do this, press and hold the Reset button for 10 seconds with a pen or paperclip, then unplug the router from the electrical outlet for 30 seconds, plug it in again and wait for the power LED to light up completely.

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Connect the devices together



After verifying the Internet connection, connect the modem to the Internet port on the router and the computer to the Ethernet port.

NOTE: The image may differ depending on the router model, as well as the type of computer and modem you are using.

Check the router's LED

After connecting the devices to the router, verify that they are working properly by checking the LEDs on the router.

Set up the computer to get the IP address automatically

The computer must be set up to get its own IP address in order for it to communicate with the router. Reference: How to assign a static IP address in Windows 7, 8, 10, XP or Vista for more details.

Set up a static IP address on a Linksys router

Step 1:

Visit your router's classic web-based setup page. Open any web browser (Internet Explorer, Mozilla Firefox or Safari) and type 192.168.1.1 in the address bar and press Enter.

Step 2:

You will be asked for login details. Leave the User name field blank and enter admin in the Password field, then click OK.



Step 3:

On the Setup page, select Static IP for Internet Connection Type, then enter Internet IP Address, Subnet Mask, Default Gateway and DNS provided by the ISP.

The screenshot shows the 'Setup' page of a Linksys router. The 'Internet Setup' section is active, and 'Static IP' is selected for the 'Internet Connection Type'. The form contains the following fields:

| | | | | |
|----------------------|---|---|---|---|
| Internet IP Address: | 0 | 0 | 0 | 0 |
| Subnet Mask: | 0 | 0 | 0 | 0 |
| Default Gateway: | 0 | 0 | 0 | 0 |
| DNS 1: | 0 | 0 | 0 | 0 |
| DNS 2 (Optional): | 0 | 0 | 0 | 0 |
| DNS 3 (Optional): | 0 | 0 | 0 | 0 |

A yellow callout box with an arrow pointing to the 'Internet IP Address' field contains the text: "Enter the correct Internet IP Address, Subnet Mask, Default Gateway and DNS."

Step 4:

Click on Save Settings.

If you are using a Linksys WiFi router, you can install Linksys Connect manually after setting up the router using a static IP.

Good luck.

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