

Do More

Nighthawk X6S

AC3000 Tri-Band WiFi Range Extender

Model EX8000



NETGEAR®

Use the Extender in Access Point Mode

You can set up your extender as a WiFi access point. Tri-band WiFi is available when your extender is in access point mode.

The following instructions assume that you did not previously set up your extender.




➤ To use the extender in access point mode:

1. Plug the extender into an electrical outlet.
The Power LED lights green.
If the Power LED does not light, press the **Power** button.

2. Connect a computer or mobile device to the extender using a WiFi or Ethernet connection:

- **WiFi.** On your WiFi-enabled computer or mobile device, open the WiFi connection manager and locate and connect to the extender network called NETGEAR_EXT.

When your WiFi-enabled computer or mobile device is connected to the extender, the Client LED  lights solid white.

- **Ethernet.** Use an Ethernet cable to connect the Ethernet port on the extender to an Ethernet port on your computer.

Note: If you want to use an Ethernet connection, you must do this before you connect your extender to your modem router or router.

3. Launch a web browser and visit www.mywifext.net.

The NETGEAR installation assistant displays.

4. Use an Ethernet cable to connect your router to an Ethernet port on the extender.

Note: Do not connect your extender directly to your DSL or cable modem. The extender does not function as a router. If your network includes a DHCP server, you can connect the extender to a switch or hub that is connected to the DHCP server.

5. Return to the NETGEAR installation assistant and follow the prompts to finish setting up your extender as an access point.

Connect to the Extender Network

After you complete the setup process, you can connect all your devices to the new extender network using a WiFi, wired, or WPS connection.

WiFi connection

Note: If you enabled the One WiFi Name feature, your extender uses the the same WiFi network name and password as your router.

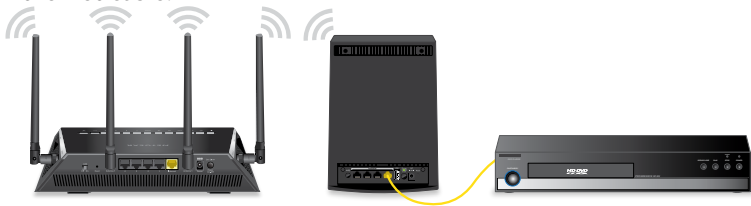
➤ **To connect to the extender WiFi network:**

1. On your WiFi-enabled computer or mobile device, open the WiFi connection manager that manages your WiFi connections.
The WiFi connection manager scans for WiFi networks in your area.
2. Find and select your extender's WiFi network name (SSID) and enter your extender's WiFi password.

This is the SSID and password that you set up during the installation process. If you enabled the One WiFi Name feature, use your router's SSID and password.

Wired Connection


You can connect a wired device to an Ethernet port on your extender using an Ethernet cable.



WPS Connection

For help with the **WPS** button on your WPS-enabled device, check the instructions or online help that came with that device. Some older equipment cannot use WPS.

➤ To connect to the extender using a WPS connection:

1. Press the **WPS** button on the extender.
The WPS LED  blinks white.
2. Within two minutes, press the **WPS** button on your WPS-enabled device.

When the extender connects to your WPS-enabled device, the WPS LED lights solid white.

Log In to Access Extender Settings

After installation, you can log in to the extender to view or change the extender's settings.

➤ To log in to the extender:

1. Launch a web browser from a computer or mobile device that is connected to your extender network.
 2. Log in to your extender:
 - If you did not enable the One WiFi Name feature, enter **www.mywifext.net** in the address field of the browser.
 - If you enabled the One WiFi Name feature, enter one of the following URLs:
 - **Windows-based computer.** <http://mywifext>
 - **Mac computers and iOS devices.** <http://mywifext.local>
 - **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)
- To find your extender's IP address, do the following:
- a. Log in to your router.
 - b. Find the page in your router web interface that lists the devices connected to your router.

- c. Find your extender in the list and note your extender's IP address.
- d. Enter your extender's IP address in the address field of your web browser.

A login page displays.

3. Enter your admin email address and password and click the **LOG IN** button.

The Status page displays.

Change the Extender WiFi Settings

If you enabled the One WiFi Name feature, you cannot change the WiFi network settings from the extender web interface. You must log in to your router to change your WiFi network settings.

If you did not enable the One WiFi Name feature, you can change your extender's WiFi settings from the extender web interface.

➤ To change your extender's WiFi settings:

1. Launch a web browser from a computer or mobile device that is connected to your extender network.
2. Log in to your extender:
 - If you did not enable the One WiFi Name feature, enter **www.mywifext.net** in the address field of the browser.
 - If you enabled the One WiFi Name feature, enter one of the following URLs:
 - **Windows-based computer.** <http://mywifext>
 - **Mac computers and iOS devices.** <http://mywifext.local>
 - **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)

A login page displays.

If you do not see the login page, see *Log In to Access Extender Settings* on page 6 for more information.

3. Enter your admin email address and password and click the **LOG IN** button.

The Status page displays.

4. Select **Settings > Wireless**.

The Wireless page displays.

5. To change the WiFi network name (SSID), enter a new name in the **Network Name (SSID)** field.
6. To change the WiFi password, enter a new password in the **WiFi Password** field.
7. Click the **SAVE** button.

Your settings are saved.

Enable or Disable One WiFi Name

The One WiFi Name feature enables your extender to use the same WiFi network settings as your router.

➤ To enable or disable the One WiFi Name feature:

1. Launch a web browser from a computer or mobile device that is connected to your extender network.
2. Log in to your extender:
 - If you did not enable the One WiFi Name feature, enter **www.mywifext.net** in the address field of the browser.
 - If you enabled the One WiFi Name feature, enter one of the following URLs:
 - **Windows-based computer.** <http://mywifext>
 - **Mac computers and iOS devices.** <http://mywifext.local>
 - **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)

A login page displays.

If you do not see the login page, see [Log In to Access Extender Settings](#) on page 6 for more information.

3. Enter your admin email address and password and click the **LOG IN** button.

The Status page displays.

4. Select **Settings > Wireless**.

The Wireless page displays.

5. To enable the One WiFi Name feature, select the **Yes** radio button.

If this is the first time you are enabling the One WiFi Name feature, you must run the Smart Setup. Go to the Status page and click the **SMART SETUP** button to run the Smart Setup.

6. To disable the One WiFi Name feature, select the **No** radio button.

If you disable this feature, you can set a new SSID and password for the extender's 2.4 GHz and 5 GHz networks in the **Network Name (SSID)** and **WiFi Password** fields on this page.

7. Click the **SAVE** button.

Your settings are saved.

Frequently Asked Questions

You can find more information about your product in the user manual, which is available at downloadcenter.netgear.com.

The web browser setup guide keeps asking me for my network password (passphrase) or security key, and I am sure that I entered the correct password. What can I do?

The extender is probably placed at the borderline of the range covered by the router or access point. To improve your signal strength, move your extender closer to your router and make sure that the Link Status LED lights solid white or amber.

- **Solid white.** Best connection
- **Solid amber.** Good connection
- **Solid red.** Poor connection
- **Off.** No connection

If you are using WEP security, make sure that you are typing the network password in the correct field.

I am connected to NETGEAR_EXT and launched a browser and I can't see the web browser setup guide. What can I do?

Try these troubleshooting steps:

- Make sure that your computer is set up to use DHCP (most are).
- Make sure that the Client LED is white and that you are using a valid IP address.
- Relaunch the web browser and enter **www.mywifiext.net** in the address field. Enter your admin email address and password and click the **LOG IN** button.
- If you are installing the extender as an access point, make sure that you are connecting your computer or WiFi device to the extender through a WiFi connection instead of an Ethernet connection.

How do I restore the extender to its factory default settings?

1. Use a sharp object such as a pen or paper clip to press and hold the **Reset** button on the extender for at least five seconds until the Link Status LED, Maximum Throughput LED, 2.4 GHz LED, and 5 GHz LED blink white.
2. Release the **Reset** button and wait for the extender to reboot. The extender resets and returns to the factory default settings.

I forgot my login email address and password. What can I do?

On the login page, click the **Username & Password Help** link and answer the security questions that you set up during the initial setup.

If you forgot the answers to your security questions, do the following to set up your login credentials again:

1. Restore the extender to its factory default settings.
2. Launch a web browser from a computer or mobile device that is connected to your extender network.
3. Log in to your extender:
 - If you did not enable the One WiFi Name feature, enter **www.mywifext.net** in the address field of the browser.
 - If you enabled the One WiFi Name feature, enter one of the following URLs:
 - **Windows-based computer.** <http://mywifext>
 - **Mac computers and iOS devices.** <http://mywifext.local>
 - **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)

A login page displays.

If you do not see the login page, see [Log In to Access Extender Settings](#) on page 6 for more information.

4. Click the **NEW EXTENDER SETUP** button.

When prompted, complete the fields on the page to set up your login credentials again.

My router security is WEP, and I entered the wrong password or security key on the extender. I cannot access the extender anymore. What can I do?

The extender cannot check to see if the WEP password is correct. If you entered the wrong password, your WiFi-enabled computer or mobile device is not able to get the IP address from the extender. You must reset the extender to its factory default settings to get the IP address back.

Can I set up the extender in extender mode if I connect it to the router or access point with an Ethernet cable?

No. The extender is designed to connect wirelessly to the router or access point if it is in extender mode. If the extender is in access point mode, you can connect it to the router or access point with an Ethernet connection. For more information about access point mode, see [Use the Extender in Access Point Mode](#) on page 2.

I enabled a WiFi MAC filter, WiFi access control, or access control list (ACL) on my router. What should I do when installing the extender?

When the WiFi device connects through the extender to your router, the MAC address of the WiFi device shown on the router is translated to another MAC address. If your router's MAC filter, WiFi access control, or ACL is enabled, the WiFi device connects to the extender but cannot get an IP address from the extender and cannot access the Internet.

To allow the WiFi device to receive an IP address from the extender and access the Internet, you must provide the translated MAC address to the router.

➤ To add a translated MAC address to your router:

1. Log in to your router and disable the MAC filter, WiFi access control, or ACL.

For more information about how to disable your router's MAC filter, WiFi access control, or ACL, see your router's documentation.

2. Power on the extender and connect all of your WiFi devices to the extender.
3. Make sure that the Link Status LED remains lit.
4. Log in to your extender:
 - a. Launch a web browser from a computer or mobile device that is connected to your extender network.

- b. Log in to your extender:
- If you did not enable the One WiFi Name feature, enter **www.mywifext.net** in the address field of the browser.
 - If you enabled the One WiFi Name feature, enter one of the following URLs:
 - **Windows-based computer.** <http://mywifext>
 - **Mac computers and iOS devices.** <http://mywifext.local>
 - **Android devices.** <http://<extender's IP address>> (for example, <http://192.168.1.3>)

A login page displays.

If you do not see the login page, see [Log In to Access Extender Settings](#) on page 6 for more information.

- c. Enter your admin email address and password and click the **LOG IN** button.
5. Select **Settings > Connected Devices**.
- The Connected Devices page displays the MAC addresses and virtual MAC addresses for computers and WiFi devices that are connected to the extender network.

6. On the router, add the extender's virtual MAC addresses and all of the virtual MAC addresses of the devices connected to the extender to your router's MAC filter table.
7. Enable the router's MAC filter, WiFi access control, or ACL.

Support

Thank you for purchasing this NETGEAR product. You can visit www.netgear.com/support to register your product, get help, access the latest downloads and user manuals, and join our community. We recommend that you use only official NETGEAR support resources.

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Compliance

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à <http://downloadcenter.netgear.com/other/>.

(If this product is sold in Canada, you can access this document in Canadian French at <http://downloadcenter.netgear.com/other/>.)

For the current EU Declaration of Conformity, visit <http://kb.netgear.com/11621>.

For regulatory compliance information, visit www.netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.

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