

Getting Started

Does your WiFi router have a WPS button?

WPS is an easy way to connect WiFi devices. The button might look like one of these: 

Yes

1. Turn on your extender.

Place the extender close to your WiFi router. Plug the extender into an electrical outlet. Press the **Power** button if necessary.

2. Connect to your WiFi router.

Press the **WPS** button on the extender. The WPS LED blinks green.

Within two minutes, press the **WPS** button on your WiFi router. When the extender connects to the router the WPS LED lights solid green.

After a few seconds, the Link Status LED and the Maximum throughput LED light solid green, indicating a good connection between your WiFi router and your extender. If the Link Status LED or the Maximum Throughput LED does not light, try again. If the LEDs still does not light, follow the instructions for *No (or not sure)* on the right.

Note: If your router is a dual-band router, your extender attempts to connect to the router’s 5 GHz band first.

3. Choose a location and check the signal strength.

Now that the extender is connected to your WiFi router, you can move it to a location that will boost your WiFi range. The location that you choose must be within the range of your existing WiFi router network.

The Link Status LEDs help you choose a spot where the extender-to-router connection is optimal. For more information, see *LED Descriptions* on the back of this quick start guide.

If you get no connection or a poor connection, move the extender closer to your WiFi router and try again until the Link Status LED lights green.

4. Connect your devices.

Take your WiFi-enabled computer or mobile device to the location with poor WiFi router coverage. Find and connect your WiFi-enabled computer mobile device to the new extended network.

If your router is the Nighthawk X4S AC2600 Smart WiFi Router Model R7800, the extender uses the same network name and password as your router.

If your router is not the Nighthawk X4S AC2600 Smart WiFi Router Model R7800, the extender creates two new extended WiFi networks. The extended WiFi network names are based on your router’s WiFi network name, with _2GEXT and _5GEXT at the end of the name. For example:

Existing router network names.	MyWiFi and MyWiFi-5G
New extended network names.	MyWiFi_2GEXT and MyWiFi-5G_5GEXT

No (or not sure)

1. Turn on your extender.

Place the extender close to your WiFi router. Plug the extender into an electrical outlet. Press the **Power** button if necessary.

2. Connect to the extender.

On a computer, tablet, or smartphone, open the WiFi connection manager and connect to the extender network called **NETGEAR_EXT**. When you are connected to the extender, the Client LED lights solid green.

3. Set up with a web browser.

Launch a web browser. You are automatically taken to a login page. If a login page does not display, visit **www.mywifiext.net**.

If your router is the Nighthawk X4S AC2600 Smart WiFi Router Model R7800, follow these steps:

- a. Click the **NEW EXTENDER SETUP** button.
- b. Complete the fields on the Create an Account page and click the **NEXT** button.
- c. Select your country or region from the menu and click the **CONTINUE** button.
- d. Click the **WiFi RANGE EXTENDER** button.
- e. Select a WiFi network to extend and click the **NEXT** button.
If you do not want to extend both WiFi bands, clear the **2.4GHz WiFi Networks** or the **5GHz WiFi Networks** check box.
- f. Select the **Yes** radio button to enable seamless roaming on the extender and click the **NEXT** button.
- g. In the **Password (network key)** field, type the existing WiFi network password and click the **NEXT** button.
- h. Connect your computer or mobile device to the WiFi network using the same WiFi settings as your router.
The extender uses the same network name and password as your route

If your router is not the Nighthawk X4S AC2600 Smart WiFi Router Model R7800, follow these steps:

- a. Click the **NEW EXTENDER SETUP** button.
- b. Complete the fields on the Create an Account page and click the **NEXT** button.
- c. Select your country or region from the menu and click the **CONTINUE** button.
- d. Click the **WiFi RANGE EXTENDER** button.
- e. Select a WiFi network to extend and click the **NEXT** button.
If you do not want to extend both WiFi bands, clear the **2.4GHz WiFi Networks** or the **5GHz WiFi Networks** check box.
- f. In the **Password (network key)** field, type the existing WiFi network password and click the **NEXT** button.
- g. Set the network name (SSID) and password for your extended network and click the **NEXT** button.
- h. Connect your computer or mobile device to the new extended WiFi network using the new SSID and password that you created

5. Choose a location and check the signal strength.

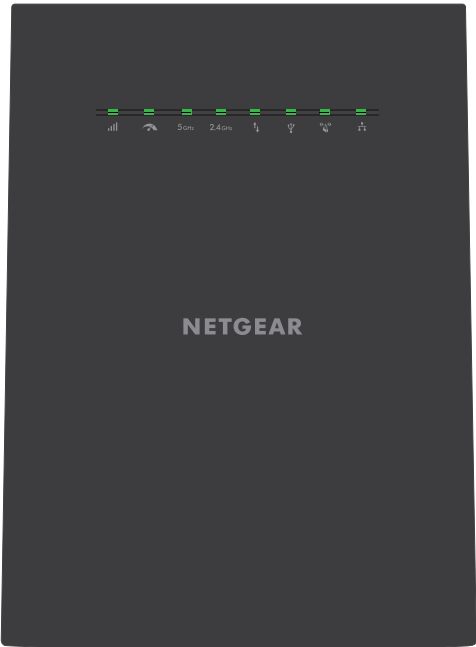
Move the extender to a location that will boost your WiFi range. The location you choose must be within the range of your existing WiFi router network.

The Link Status LED helps you choose a spot where the extender-to-router connection is optimal. For more information, see *LED Descriptions* on the back of this quick start guide.

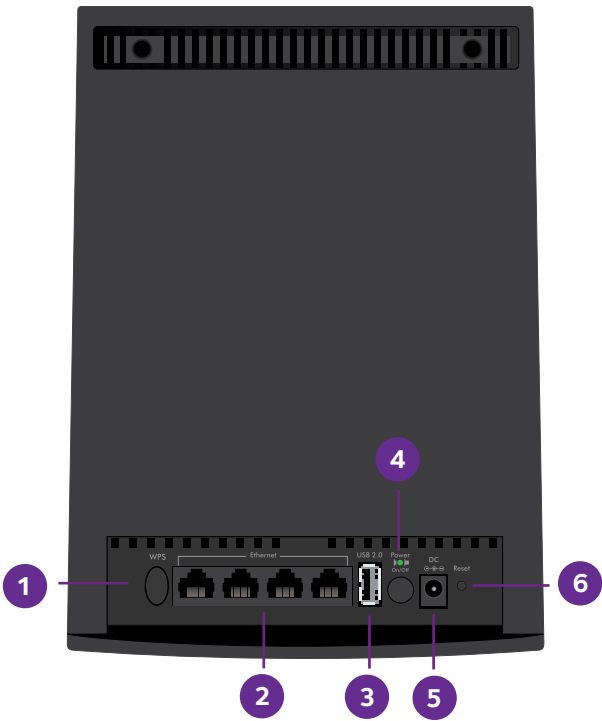
If you get no connection or a poor connection, move the extender closer to your WiFi router and try again until the Link Status LED lights green.

Hardware

Front Panel



Rear Panel



- 1 WPS button
- 2 Ethernet ports 1-4
- 3 USB port
- 4 Power On/Off button with Power LED
- 5 DC power connector
- 6 Reset button

LED Descriptions

 Link Status LED	This LED indicates the WiFi connection between the extender and the router. • Solid green. Best connection • Solid amber. Good connection • Solid red. Poor connection • Off. No connection • Blinking green. The extender resets to its factory default settings. Note: In AP mode, this LED only blinks green, which indicates the extender is resetting to its factory default settings.
 Maximum Throughput LED	• Solid green. The extender uses the 5 GHz WiFi band for backhaul. • Off. The extender uses the 2.4 GHz WiFi band for backhaul. • Blinking green. The extender resets to its factory default settings. Note: In AP mode, this LED only blinks green, which indicates the extender is resetting to its factory default settings.
5 GHz 5 GHz Up LED	• Solid green. The 5 GHz Up radio is operating. • Off. The 5 GHz Up radio is off. • Blinking green. The extender resets to its factory default settings.
2.4 GHz 2.4 GHz Up LED	• Solid green. The 2.4 GHz Up radio is operating. • Off. The 2.4 GHz Up radio is off. • Blinking green. The extender resets to its factory default settings.
 Client Link LED	• Solid green. The extender is connected to a WiFi-enabled computer or mobile device. • Off. The extender is not connected to a WiFi-enabled computer or mobile device.
 USB LED	• Solid green. A USB device is connected to the extender. • Off. No USB device is connected.
 WPS LED	• Solid green. The extender connected with a WPS-enabled device. • Blinking green. The extender is attempting to connect with a WPS-enabled device. • Off. WPS on the extender is disabled.
 Ethernet LED	• Solid green. An Ethernet device is connected to an Ethernet port. • Off. No device is connected to this Ethernet port.

Support

For information about your extender, see the Do More Booklet that came in the package with your extender or the user manual.

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.

For the current EU Declaration of Conformity, visit: http://support.netgear.com/app/answers/detail/a_id/11621/.

For regulatory compliance information, visit <http://www.netgear.com/about/regulatory/>.

See the regulatory compliance document before connecting the power supply.

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