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NETGEAR XRM570 Gaming Router and Mesh WiFi System Quick Start Guide
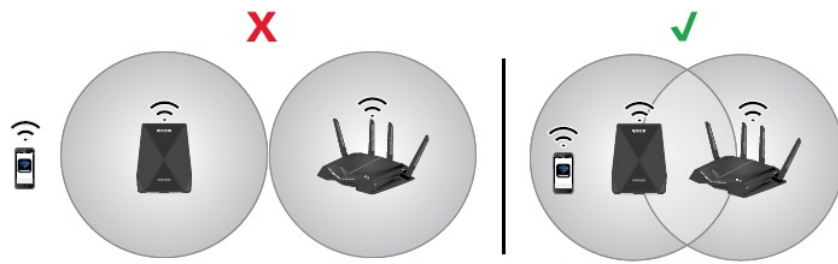
Contents

NETGEAR

NETGEAR XRM570 Gaming Router and Mesh WiFi System

Getting started

1. For initial setup, place your extender in the same room as your router. You can move your extender to a new location after the setup.

2. **Set up your router:**
   - Remove the antenna caps from the antenna ports on the back of the router.
   - Attach and position the antennas.

   For the best WiFi performance, position the antennas as shown.
   - Unplug your modem, remove and reinsert the backup battery if it uses one, and then plug the modem back in.
   - Use the Ethernet cable to connect the modem to the yellow Internet port on the router.
   Note: If your Internet connection doesn't require a modem, connect your main Ethernet cable to the yellow Internet port on the router.

3. Power on your router and extender:
   - Connect the power adapters to your router and extender and plug the power adapters into outlets.

The router's Power LED ⏻ lights are solid white, and the extender's Power LED on the back of the extender lights solid green when they are ready.

- Wait for the extender to automatically connect with your router. During this process, all the LEDs on the front of the extender blink white until the extender connects with your router. When your extender successfully connects with your router, only the extender's Router Link LED remains lit.

4. Use the extender's Router Link LED to determine the connection status between your extender and router:

- **Solid white.** Best connection.

- **Solid amber.** Good connection.

- **Solid red.** Poor connection.

- **Off.** No connection.

   Note: If the Router Link LED doesn't light solid white, we recommend that you move your extender closer to your router and check the LED again.

5. Finish setting up your WiFi network using one of these methods:

- Set up your network with the router web interface. Use a web browser to log in to the router and view the router web interface. If your network is not set up yet, the NETGEAR installation assistant displays the first time you log in to the router. For more information, see Set up your network using the router web interface.

   Note: We recommend that you use the router web interface to set up your network.

- Set up your network with the Nighthawk app. The Nighthawk app guides you through the setup process. For more information, see Set up your network using the Nighthawk app.

Set up your network using the router web interface

1. On your extender, make sure the Router Link LED is lit.
2. On your router, make sure that the LED on the WiFi On/Off button is lit.
3. Look for the sticker on your router that displays your router's WiFi network name and password

4. Use the WiFi network name and password on the sticker to connect your WiFi-enabled computer or mobile device to your router's WiFi network.
5. Launch a web browser. The installation assistant automatically displays.
6. If the installation assistant doesn't display, visit **www.routerlogin.net**.
7. Follow the prompts that display to finish setting up your network. The router's Internet LED lights white when the router is connected to the Internet.

IMPORTANT: If you want to change your router's WiFi network name and password, make sure that your extender's Router Link LED is on before changing your router's WiFi network name and password so that the changes can apply to your extender. After you change your router's WiFi network name and password, your extender briefly disconnects and then reconnects.

8. After the setup is complete, move your extender to a new location. For more information, see Find a good spot for Your Extender.

9. Connect your WiFi-enabled devices to the extended network. For more information, see Connect your devices to the WiFi network.

Set up your network using the Nighthawk app

1. On your extender, make sure the Router Link LED is lit.

2. Download the Nighthawk app on your mobile device. For more information about the Nighthawk app, visit **Nighthawk-app.com**.

3. On your router, make sure that the LED on the WiFi On/Off button is lit.

4. Look for the sticker on your router that displays your router's WiFi network name and password

5. On your mobile device, open the WiFi connection manager, and then locate and connect to your router's WiFi network.

6. Launch the Nighthawk app.

7. Follow the prompts that display to finish setting up your network. The router's Internet LED lights white when the router is connected to the Internet.

IMPORTANT: If you want to change your router's WiFi network name and password, make sure that your extender's Router Link LED is lit before changing your router's WiFi network name and password. After you change your router's WiFi network name and password, your extender will briefly disconnect and then reconnect.

8. After the setup is complete, move your extender to a new location. For more information, see Find a good spot for Your Extender.
9. Connect your WiFi-enabled devices to the extended network. For more information, see Connect your devices to the WiFi network.

Find a good spot for your extender

1. Unplug your extender and move it to a new location. We recommend that the new location be about halfway between your router and the area with a poor WiFi signal. The extender must be within the range of your router's WiFi network.
2. Power on your extender.
3. Use the Router Link LED to find a spot where the extender-to-router connection is optimal.

This LED indicates the WiFi connection between the extender and the router:

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

Note: If the Router Link LED doesn't light solid white, we recommend that you move your extender closer to your router and check the LED again.

Connect your devices to the WiFi network

After the setup, your extender uses the same WiFi settings as your router. Use your router's WiFi network name and password to connect your WiFi-enabled devices to the WiFi network. We recommend that you enable the Smart Connect feature on your router and the One WiFi Name feature on your extender. When these two features are enabled your network broadcasts one WiFi name only:

- On your router, if you enabled the Smart Connect feature, your router uses the same WiFi settings for its 2.4 and 5 GHz WiFi networks.
- On your extender, the One WiFi Name feature is automatically enabled after the setup, which allows your extender to use the same WiFi network settings as your router.

Log in to your extender

After installation, your extender uses the same login username and password as your router. You can log in to your extender to view or change your extender's 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.mywifiext.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://mywifiext.local** or **http://mywifiext**
     - Mac computers and iOS devices. **http://mywifiext.local**
     - Android devices. **http://<extender'sIPaddress>** (for example, **http://192.168.1.3**)

       To find your extender's IP address, do the following:
     - Log in to your router.
     - Find the page in your router web interface that lists the devices connected to your router.
     - Find your extender in the list and note your extender's IP address.
     - Enter your extender's IP address in the address field of your web browser. A login page displays.
3. Enter your router's admin username and password and click the login button. The Status page displays.

Log in to your router

After installation, you can log in to your router to view or change your router's settings.

1. Launch a web browser from a computer or mobile device that is connected to your router network.
2. Enter **http://www.routerlogin.net**. A login window opens.
3. Enter the router admin username and password. The user name is admin. The password is the one that you specified the first time you logged in. The username and password are case-sensitive. The Dashboard displays.

Troubleshooting

After the installation is complete, if the Router Link LED on your extender is not lit, your extender didn't connect to your router.

You must use WPS to connect your extender to your router.

1. Press the WPS button on the extender until the WPS LED blinks white.
2. Within two minutes, press the WPS button on your router. When the extender connects to the router, the Router Links LED lights. If the Router Link LED lights are white, the connection between your router and extender is good. If the Router Link LED lights are amber or red, move the extender closer to the router

and try again.

Note: If your router supports the 5 GHz band and your extender didn't connect to that band, repeat the WPS process.

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. (If this product is sold in Canada, you can access this document in Canadian French at **http://downloadcenter.netgear.com/other/**.) For regulatory compliance information including the EU Declaration of Conformity, visit **https://www.netgear.com/about/regulatory/**. See the regulatory compliance document before connecting the power supply.

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FREQUENTLY ASKED QUESTIONS

What is the maximum wireless speed supported by the NETGEAR XRM570 Gaming Router and Mesh WiFi System?

The NETGEAR XRM570 supports wireless speeds of up to 450 Mbps on the 2.4 GHz band and up to 1733 Mbps on each of the two 5 GHz bands, for a combined total of up to 3500 Mbps.

Can I connect the XRM570 to my existing modem or router?

Yes, the XRM570 can be connected to your existing modem or router to provide enhanced gaming performance and WiFi coverage. It can function as a standalone router or as a mesh WiFi system when additional mesh nodes are added.

How many mesh nodes can be added to the XRM570 system?

The NETGEAR XRM570 supports the addition of up to two mesh nodes to extend the WiFi coverage throughout your home. Each mesh node acts as an access point, creating a seamless mesh network.

Does the XRM570 support MU-MIMO technology?

Yes, the XRM570 is equipped with MU-MIMO (Multi-User Multiple-Input Multiple-Output) technology, allowing it to handle multiple simultaneous connections and improve overall network performance, especially in crowded WiFi environments.

Can I use the XRM570 with other gaming consoles and devices besides PC?

Absolutely! The XRM570 is compatible with various gaming consoles, including PlayStation, Xbox, Nintendo Switch, and other gaming devices such as gaming laptops and desktops.

Does the XRM570 support VPN (Virtual Private Network) connectivity?

Yes, the XRM570 supports VPN passthrough, allowing you to connect to a VPN server and access a secure network remotely. However, it does not have a built-in VPN server functionality.

Is the XRM570 compatible with voice assistants like Amazon Alexa or Google Assistant?

While the XRM570 itself doesn't have voice assistant capabilities, it can be managed using voice commands through devices that have voice assistant support, such as Amazon Alexa or Google Assistant-enabled devices.

Can the XRM570 prioritize gaming traffic over other network activities?

Yes, the XRM570 offers advanced Quality of Service (QoS) features that allow you to prioritize gaming traffic over other network activities. This helps reduce latency and ensure a smoother gaming experience.

Does the XRM570 have built-in antivirus and anti-malware protection?

The XRM570 does not have built-in antivirus or anti-malware protection. However, it supports third-party security software and features, allowing you to protect your devices from online threats.

Can I set up a separate network for IoT (Internet of Things) devices with the XRM570?

Yes, the XRM570 supports VLAN (Virtual Local Area Network) functionality, allowing you to create separate networks for different devices or purposes. This feature enables you to isolate IoT devices from your main network for added security.

What is the coverage range of the XRM570 mesh system?

The coverage range of the XRM570 mesh system can vary depending on factors such as the number of mesh nodes and the physical layout of your home. However, it is designed to provide reliable coverage for medium to large-sized homes.

Does the XRM570 support automatic firmware updates?

Yes, the XRM570 can automatically check for and install firmware updates to ensure that your router and mesh WiFi system has the latest features, performance improvements, and security patches.

Can I connect a USB printer or storage device to the XRM570?

Yes, the XRM570 has a USB port that allows you to connect a USB printer or storage device. This enables you to share the printer across your network or create a network-attached storage (NAS) solution.

Does the XRM570 support Ethernet backhaul for the mesh nodes?

Yes, the XRM570 supports Ethernet backhaul, which means you can connect the mesh nodes to the router using Ethernet cables. This provides a more stable and reliable connection between the nodes and the router.

Can I set up a VPN on the XRM570 router itself?

Yes, the XRM570 router supports VPN client functionality, allowing you to set up a VPN connection directly on the router. This enables all devices connected to the router to benefit from the VPN.

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