

# Installation Guide

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10-Port 10G Multi-gig Easy Smart Managed Switch with 2 Dedicated SFP+ Ports

XS512EMv2

24-Port 10G Multi-gig Easy Smart Managed Switch with 4 Dedicated SFP+ Ports

XS724EMv2



## Package contents

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- NETGEAR Easy Smart Managed Switch model XS512EMv2 or XS724EMv2
- Power cord (localized to the country of sale)
- Rack-mount kit
- Four rubber footpads for tabletop installation
- Documentation download flyer

# 1. Register your switch

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Registration is required for warranty activation and support. For more information, visit [netgear.com/about/warranty](https://netgear.com/about/warranty).

1. From a computer or mobile device that is connected to the Internet, visit [my.netgear.com](https://my.netgear.com).

2. Log in to your NETGEAR account.

**NOTE:** If you don't have a free NETGEAR account, you can create one. The Your Registered Products page displays.

3. Click the **REGISTER NEW PRODUCT** button.

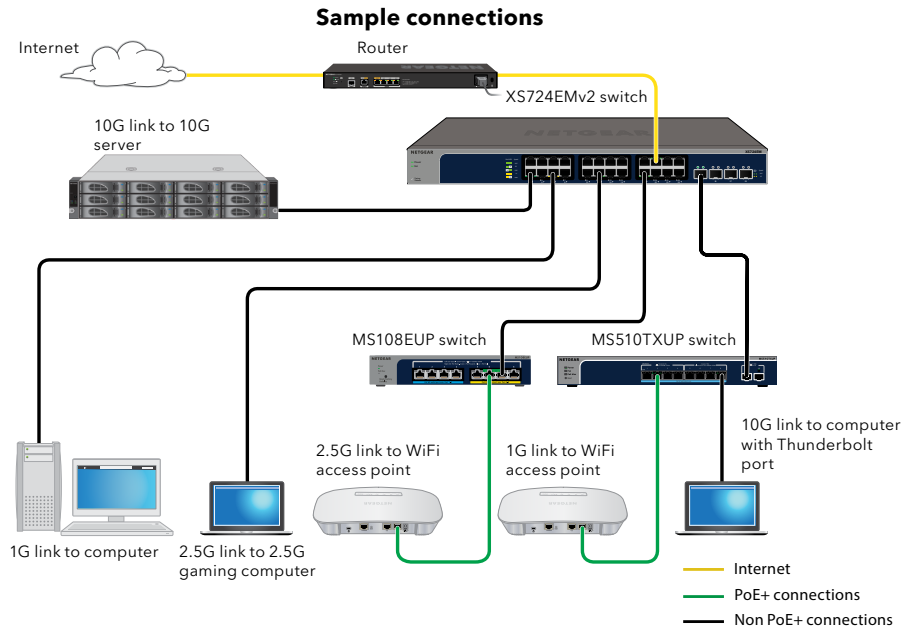
4. In the **SERIAL NUMBER** field, type the serial number of your switch. The serial number is 13 digits long. It is printed on the switch label.

5. From the **PURCHASE DATE** menu, select the date that you purchased the switch.

6. Click the **REGISTER** button.

Your switch is registered to your NETGEAR account. A confirmation email is sent to your NETGEAR account email address.

## 2. Connect the switch



**NOTE:** We recommend that you use a Category 5e (Cat 5e) or higher-rated Ethernet cables terminated with RJ-45 connectors. To use an SFP+ port, you must insert either a 10G SFP+ or 1G SFP transceiver module, which is available from NETGEAR.

**NOTE:** The NETGEAR Easy Smart Managed Switch model XS724EMv2 switch supports only two 10G copper modules.

This switch is designed for indoor use only. If you want to connect it to a device located outdoors, the outdoor device must be properly grounded and surge protected, and you must install an Ethernet surge protector inline between the switch and the outdoor device. Failure to do so can damage the switch.



**WARNING:** Before connecting this switch to outdoor cables or devices, see [kb.netgear.com/000057103/](https://kb.netgear.com/000057103/) for safety and warranty information.

# 3. Check the LEDs

When you connect the power cord to the switch and plug it into an electrical outlet, the LEDs indicate the status.

| LED            | Description                                                                                                                                                         |                                                                                                       |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Power          |                                                                                    | <b>Solid green:</b> System on.                                                                        |
|                |                                                                                    | <b>Blinking green:</b> System powering up.                                                            |
|                |                                                                                    | <b>Off:</b> Power is not supplied to the switch.                                                      |
| Fan            |                                                                                    | <b>Solid green:</b> The fan is operating normally.                                                    |
|                |                                                                                    | <b>Solid yellow:</b> The fan has failed.                                                              |
| Ethernet ports |   | <b>Solid green:</b> 10G link on this port.                                                            |
|                |   | <b>Blinking green:</b> 10G traffic activity on this port.                                             |
|                |   | <b>Left port LED green, right port LED off:</b> 5G link on this port.                                 |
|                |   | <b>Left LED blinking green, right LED off:</b> 5G link traffic activity on this port.                 |
|                |   | <b>Right port LED off, right port LED green:</b> 2.5G link on this port.                              |
|                |   | <b>Right port LED off, right port LED blinking green:</b> 2.5G link traffic activity on this port.    |
|                |   | <b>Solid yellow:</b> 1G link on this port.                                                            |
|                |   | <b>Blinking yellow:</b> 1G link traffic activity on this port.                                        |
|                |   | <b>Left port LED yellow, right port LED off:</b> 100Mbps link on this port.                           |
|                |   | <b>Left port LED blinking yellow, right port LED off:</b> 100Mbps link traffic activity on this port. |
|                |   | <b>Off:</b> No link on this port.                                                                     |

| LED       | Description                                                                       |                                                                |
|-----------|-----------------------------------------------------------------------------------|----------------------------------------------------------------|
| SFP ports |  | <b>Solid Green:</b> 10G link on this port.                     |
|           |  | <b>Blinking green:</b> 10G traffic activity on this port.      |
|           |  | <b>Solid yellow:</b> 1G link on this port.                     |
|           |  | <b>Blinking yellow:</b> 1G link traffic activity on this port. |
|           |  | <b>Off:</b> No link.                                           |

The following table describes the network cables that you can use for the switch connections and the speeds that these cables can support, up to 328 feet (100 meters).

| Speed                      | Cable Type                           |
|----------------------------|--------------------------------------|
| 100 Mbps                   | Category 5 (Cat 5) or higher rated   |
| 1 Gbps, 2.5 Gbps, or 5Gbps | Category 5e (Cat 5e) or higher rated |
| 10 Gbps                    | Category 6A (Cat 6A) or higher rated |

## 4. Discover and access the switch

NETGEAR Easy Smart Managed switches support Universal Plug and Play (UPnP) discovery. You can use your computer's network to discover the switch. Alternatively, you can download the NETGEAR Discovery Tool (NDT).

The NETGEAR Discovery Tool lets you discover the switch in your network and access the device user interface (UI) of the switch from a Mac, Windows-based, or Linux-based computer.

To install the NDT, discover the switch in your network, access the switch, and discover the switch IP address:

1. To download the tool, visit [netgear.com/support/product/netgear-discovery-tool.aspx](https://netgear.com/support/product/netgear-discovery-tool.aspx). Depending on the computer that you are using, download either the Mac or Windows version.
2. Temporarily disable the firewall, Internet security, antivirus programs, or all of these on the computer that you use to configure the switch.

3. Unzip the NDT files, and click or double-click the Setup.exe file to install the program on your computer.

You might see the tool icon appear on your Mac dock or Windows desktop.

4. Connect the switch to your router or network.
5. Power on the switch.
6. Connect your computer to the same network as the switch.
7. Open the NDT.

The initial page displays a menu and a button.

8. From the **Choose a Connection** menu, select the network for this switch.
9. Click the **Start Searching** button.

The NDT displays the IP addresses of the switches that it discovers.

10. Click the **ADMIN PAGE** button.

The login page or login window of the device UI opens.

11. Enter the default password that is printed on the label of the switch.
12. If prompted, enter a new admin password for the switch.

The Switch Information page displays, and shows the IP address assigned to the switch.

13. Save the password and IP address for future use.
14. Reenable the security services on your computer.

## Rack-Mount the Switch

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We recommend that you use the the rack-mount brackets and screws that are supplied with the switch.

1. Attach the supplied mounting brackets to the side of the switch.  
Insert the two screws through each bracket and into the bracket mounting holes in the switch.
2. Tighten the screws with a No. 2 Phillips screwdriver to secure each bracket.
3. Align the mounting holes in the brackets with the holes in the rack, and insert two pan-head screws with nylon washers through each bracket and into the rack.
4. Tighten the screws with a No. 2 Phillips screwdriver to secure mounting brackets to the rack.

# Support and Community

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Visit [netgear.com/support](https://www.netgear.com/support) to get your questions answered and access the latest downloads.

You can also check out our NETGEAR Community for helpful advice at [community.netgear.com](https://community.netgear.com).

## Regulatory and Legal

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Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à <https://www.netgear.com/support/download/>.

(If this product is sold in Canada, you can access this document in Canadian French at <https://www.netgear.com/support/download/>.)

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.

For NETGEAR's Privacy Policy, visit <https://www.netgear.com/about/privacy-policy>.

Where permitted by law, by using this device, you are agreeing to NETGEAR's Terms and Conditions at <https://www.netgear.com/about/terms-and-conditions>, and if you do not agree, return the device to your place of purchase within your return period.

This product is designed and warranted for indoor use only. Do not use this device outdoors.

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**NETGEAR, Inc.**

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