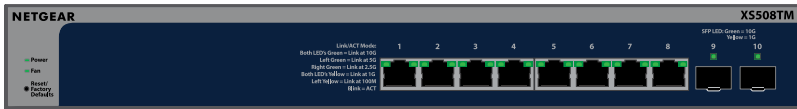




Installation Guide

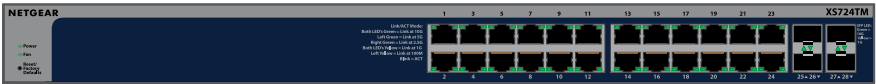
S3600 Series 8-Port 10G/Multi-Gigabit Ethernet Smart Switch with 2 SFP+ Ports, Model XS508TM



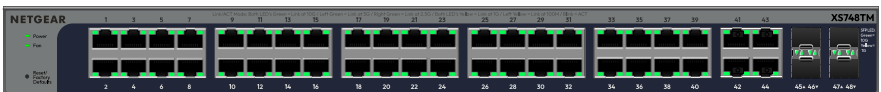
S3600 Series 16-Port 10G/Multi-Gigabit Ethernet Smart Switch with 2 SFP+ Ports, Model XS516TM



S3600 Series 24-Port 10G/Multi-Gigabit Ethernet Smart Switch with 4 SFP+ Ports, Model XS724TM



S3600 Series 44-Port 10G/Multi-Gigabit Ethernet Smart Switch with 4 SFP+ Ports, Model XS748TM



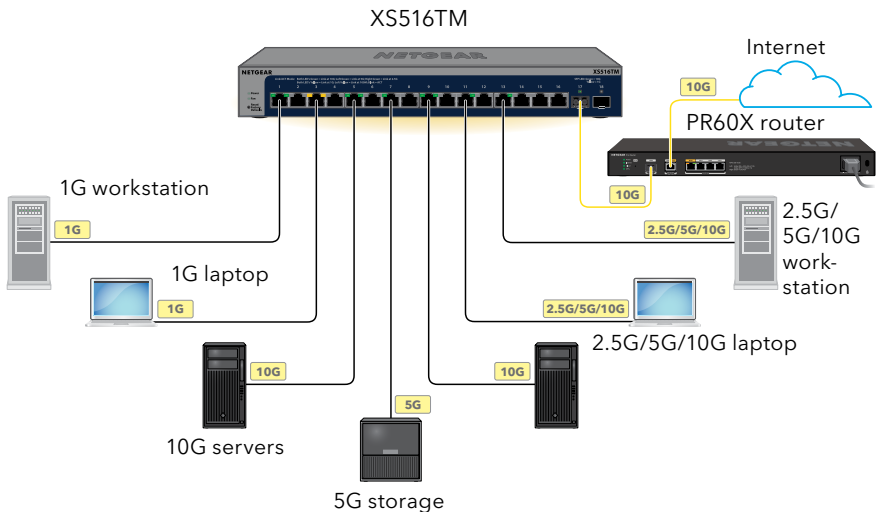
Package contents

- NETGEAR XS508TM, XS516TM, XS724TM, or XS748TM switch
- Detachable power cord (varies by region)
- Rubber footpads for tabletop installation
- Rack-mount kit
- Wall-mount kit (models XS508TM and XS516TM only)
- Documentation download flyer

NOTE: For more information about installing the switch, see the user manual which you can download by visiting <https://www.netgear.com/support>.

Step 1: Connect the switch

Sample connections




1. Connect devices to the RJ-45 ports (XS508TM ports 1-8, XS516TM ports 1-16, XS724TM ports 1-24, or XS748TM ports 1-44) on the switch front panel.

Use Category 5e (Cat 5e) Ethernet cables terminated with RJ-45 connectors to make 1G, 2.5G, and 5G connections. For 10G connections, use Cat 6a or higher rated Ethernet cables terminated with RJ-45 connectors.

2. Connect one port on the switch to a network that includes a DHCP server such as a router.


NOTE: In a small office or home office network, connect the switch to the LAN port of a router that is connected to a modem, or to a gateway.

To use an SFP+ port, you must insert an SFP+ transceiver module, which you can purchase from NETGEAR.

 **CAUTION:** Model XS748TM can support maximum of two 10G copper modules in the SFP+ ports.

3. Power on the switch and wait two minutes.

If you connected the switch to a network with a DHCP server, the switch is automatically assigned a new IP address. (The default switch IP address is 192.168.0.239.)

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

Step 2: Discover and manage the switch

To access and manage your switch, use one of the methods in this table:

A	NETGEAR Discovery Tool and standalone local management: See A. Use the NETGEAR Discovery Tool to discover the switch and manage the switch over the device UI
B	NETGEAR Insight Cloud Portal or NETGEAR Insight app remote management: See Use the NETGEAR Insight Cloud Portal to discover and manage the switch

NOTE: For more information, see the instructions in the user manual. You can download the manual from the NETGEAR Download Center at netgear.com/support/enterprise/downloads. The QR code for the NETGEAR Download Center is shown at the right. For more information on using Insight, see kb.netgear.com/000044336.



A. Use the NETGEAR Discovery Tool to discover the switch and manage the switch over the device UI

The NETGEAR Discovery Tool (NDT) lets you discover the IP address of the switch in your network from a Mac or Windows-based computer connected to the same network as the switch. To download this tool, visit netgear.com/support/product/netgear-discovery-tool.aspx.

You can use the switch as a plug-and-play device or you can change the settings by logging in to the device user interface (UI).

1. Open a web browser from a computer or tablet connected to the same network as your switch. You can use a wired or WiFi connection.
2. In the address field of your web browser, enter the switch IP address that you discovered using the NDT.

If the switch is connected to the Internet, the Register to activate your warranty page displays. However, if you already registered the switch with the NETGEAR Insight app, the Device UI login page displays, and you can continue with Step 4.

3. If you did not yet register the switch with the NETGEAR Insight app, click one of the following buttons:
 - **Register Your Device:** This button displays if the switch is connected to the Internet. You can register the switch and activate the warranty. For information about the many benefits of registering your switch, visit netgear.com/why-register/.
 - **Enter Registration Key:** If you obtained a registration key, for example by registering your switch on the MyNETGEAR.com site, you can enter the key and then log in to the device UI.
 - **Skip Registration and Access the UI:** Registration is not mandatory, but we highly recommend it. If you do not register the switch within 30 days of purchase, your warranty entitlement might be affected.

4. If prompted, enter the default device admin password, which is **password**, and click the **Login** button.
5. If the Change Default Password page displays, specify and confirm a new device admin password, click the **Submit** button, and log in again using your new password.

The System Information page displays. You can now configure the switch. For more information about configuring the switch from the device UI, see the user manual, which you can download by visiting netgear.com/support/enterprise/downloads and entering your model number.

B. Use NETGEAR Insight to discover and manage the switch

You can use the NETGEAR Insight Cloud Portal and NETGEAR Insight app to discover and manage the switch.

NOTE: If you manage the switch using the Insight Cloud Portal or Insight app, you can also still use the device UI to manage the switch. That is, these management methods are not mutually exclusive but complement each other. Changes to Insight are synchronized to the device UI, and the other way around, changes to the device UI are synchronized to Insight. Insight is enabled by default on the switch.

Use the NETGEAR Insight Cloud Portal to discover and manage the switch

You can manage the switch through the portal of the Insight cloud-based management platform.

1. On a computer or tablet, visit insight.netgear.com.
2. Enter the email address and password for your NETGEAR account and click the **Log in** button.
3. If two-factor authentication is enabled, enter the verification code, and click the **Verify Code** button.
4. Click **Devices > Add**.
5. Select the **Single Device** radio button.

NOTE: You can also add multiple Insight-managed devices by uploading a device list in a CSV file. For more information, see the user manual at netgear.com/support/enterprise/downloads.

6. From the **Select Location** menu, select a network location to add the device to.

The device admin password that you set for the network location replaces the existing admin password on all devices that you add to the network location.

7. In the **Serial Number** field, enter the device serial number.
8. In the **Device Name** field, enter a name for the device.
9. In the **MAC Address** field, enter the device MAC address.
10. Click the **Add** button.
11. Optionally change the device name of the switch, then click **Next**. A page displays a confirmation that setup is in progress.

NOTE: If the switch is online but Insight does not detect the switch, the firewall at the physical location where the switch is located might prevent communication with the Insight cloud. In that situation, add port and DNS entries for outbound access to the firewall. For more information, see kb.netgear.com/000062467.

The switch automatically updates to the latest Insight firmware and Insight location configuration. This might take up to 10 minutes, during which time the switch restarts. The switch is now an Insight managed device that is connected to the Insight cloud-based management platform.

Use the NETGEAR Insight app to discover and manage the switch

You can use the Insight app to manage the switch from your iOS or Android mobile device, and connects to the Insight cloud-based management platform.

1. On your mobile device, visit the app store, search for NETGEAR Insight, and download the latest version of the app.
2. Open the NETGEAR Insight app.
3. If you do not have a NETGEAR account, tap **I don't have an account** and follow the onscreen instructions.
4. Tap **Log in**.
5. Enter the email address and password for your NETGEAR account, and tap **Log in**.
6. If two-factor authentication is enabled, enter the verification code, and tap **Continue**.

7. Select an organization and tap **+** in the upper-right corner.

- **Your switch and mobile device are connected to the same network.**
 - a. Tap **SCAN NETWORK** or **Enter Serial Number**.
 - b. Follow the onscreen instructions.

If the switch does not display, use the NDT to discover the switch.

For more information,
see [Use the NETGEAR Insight app to discover and manage the switch.](#)

Your switch and mobile device are not connected to the same network. Your switch and its IP address do not display in the devices list. Do the following:

- a. Tap **SCAN BARCODE OR QR CODE**.
- Follow the onscreen instructions. **Your switch and mobile device are not connected to the same network.** Your switch and its IP address do not display in the devices list. Do the following:
 - a. Tap **+** in the upper-right corner.
 - b. Either use the camera on your mobile device to scan the bar code or QR code, or type in the serial number, and then continue with Step 8.

8. Follow the onscreen instructions to complete the registration of the switch.

NOTE: If you are using both Insight and the device UI to manage the switch, after you add the switch to an Insight network location, the Insight network location password replaces the switch admin password for the device UI. To access the device UI, you must then enter the Insight network location password.

Supported Modules: Transceivers and DACs

The switch supports the following transceiver modules and Direct Attach Cables (DACs), which you can purchase from NETGEAR.

Model	Description
1G Fiber SFP Transceivers	
AGM731F	NETGEAR 1000BASE-SX SFP LC Transceiver (multimode, 1000m OM4, 550m OM3 50/125µm, 275m OM2/OM1 62.5/125µm)
AGM732F	NETGEAR 1000BASE-LX SFP LC Transceiver (single mode, 10km 9/125µm)
1G Copper SFP Transceiver	
AGM734	NETGEAR 1000BASE-T SFP RJ45 Transceiver
10G SFP+ Direct Attach Cables (DACs)	
AXC761	NETGEAR 10G SFP+ to SFP+ 1-Meter Passive Direct Attach Cable
AXC763	NETGEAR 10G SFP+ to SFP+ 3-Meter Passive Direct Attach Cable
10G Fiber SFP+ Transceiver	
AXM761	NETGEAR 10GBASE-SR SFP+ LC Transceiver (multimode, 550m OM4, 300m OM3 50/125µm, 33m OM2/OM1 62.5/125µm)
AXM762	NETGEAR 10GBASE-LR SFP+ LC Transceiver (single mode, 10km 9/125µm)
AXM764	NETGEAR 10GBASE-LR LITE SFP+ LC Transceiver (single mode, 2km 9/125µm)
10G Copper SFP+ Transceiver	
AXM765	NETGEAR 10GBASE-T SFP+ RJ45 Transceiver (80m CAT6A)

Support and Community

Visit 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.

Regulatory and Legal

Si ce produit est vendu au Canada, vous pouvez accéder à ce document en français canadien à netgear.com/support/enterprise/downloads.

(If this product is sold in Canada, you can access this document in Canadian French at netgear.com/support/enterprise/downloads.)

For regulatory compliance information including the EU Declaration of Conformity, visit netgear.com/about/regulatory/.

See the regulatory compliance document before connecting the power supply.

For NETGEAR's Privacy Policy, visit netgear.com/about/privacy-policy.

Where permitted by law, by using this device, you are agreeing to NETGEAR's Terms and Conditions at netgear.com/about/terms-and-conditions. 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. The PoE source is intended for intra building connection only.

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NETGEAR, Inc.

NETGEAR INTERNATIONAL LTD



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