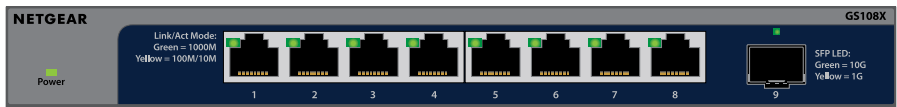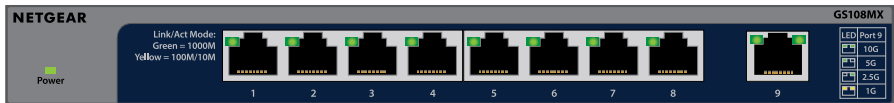# NETGEAR®
B U S I N E S S

Installation Guide

8-port Gigabit Ethernet Unmanaged Switch with 1 Dedicated 10G SFP+ Port

Model GS108X

8-port Gigabit Ethernet Unmanaged Switch with 1 Dedicated 10G/Multi-Gigabit Port

Model GS108MX

Package contents

- NETGEAR 8-port Gigabit Ethernet Unmanaged Switch with 1 Dedicated 10G SFP+ Port (Model GS108X) or NETGEAR 8-port Gigabit Ethernet Unmanaged Switch with 1 Dedicated 10G/Multi-Gigabit Port (Model GS108MX)
- Power adapter (power plug varies by region)
- Wall-mount installation kit
- Rubber feet
- Documentation download flyer

1. Register your switch

Registration is required for warranty activation and support. For more information, visit netgear.com/about/warranty.
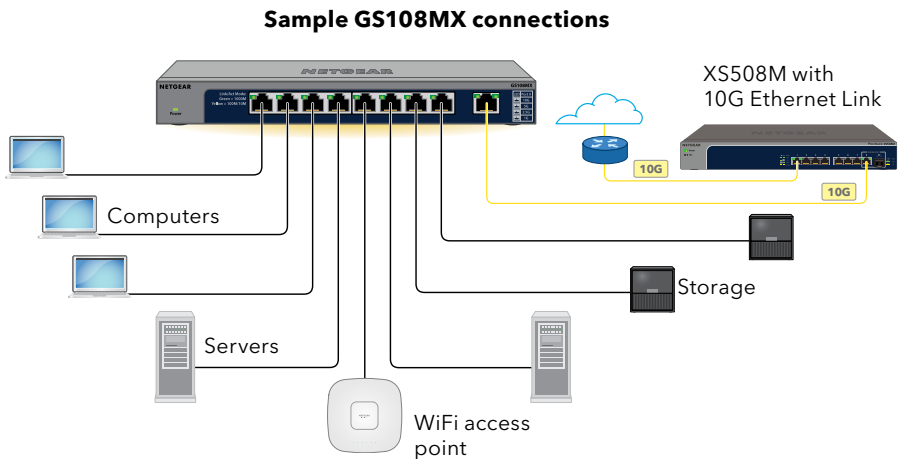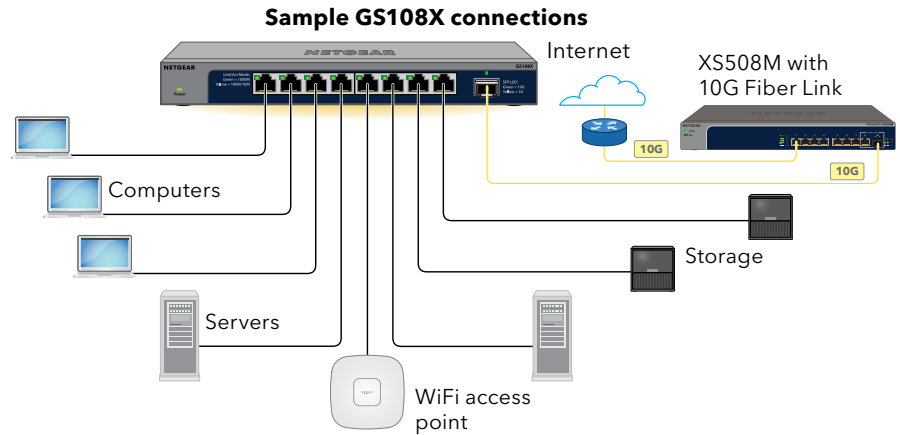
1. From a computer or mobile device that is connected to the Internet, visit my.netgear.com.

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

Sample GS108X connections

- Computers
- Servers
- WiFi access point
- Internet
- Storage
- XS508M with 10G Fiber Link
- 10G
- 10G

Sample GS108MX connections

- Computers
- Servers
- WiFi access point
- Storage
- XS508M with 10G Ethernet Link
- 10G
- 10G

NOTE: We recommend that you use a Category 6a (Cat 6a) cable or higher-rated cable for 10-Gigabit Ethernet connections, and a Category 5e (Cat 5e) cable or higher-rated cable for other Gigabit Ethernet connections.

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/ 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	🟩	**Solid green**. The switch is powered on and operating normally.
	⬜	**Off**. Power is not supplied to the switch.
Gigabit Ethernet port LEDs for ports 1 through 8	🟩	**Solid green**.1G link on this port.
	🟢	**Blinking green**. 1G traffic activity on this port.
	🟨	**Solid yellow**. 100 Mbps or 10 Mbps link on this port.
	🟡	**Blinking yellow**. 100 Mbps or 10 Mbps traffic activity on this port.
	⬜	**Off**. No link is detected on this port.
GS108X SFP+ LED for port 9	🟩	**Solid Green**. 10G link on this port.
	🟨	**Solid yellow**. 1G link on this port.
	⬜	**Off**. No link on this port.

LED	Description
GS108MX Multi-Gigabit Ethernet LEDs for port 9	**Solid green**. 10G link on this port.
	Blinking green. 10G traffic activity on this port.
	Left port LED green, right port LED off. 5G link on this port
	Left LED blinking green, right LED off. 5G link traffic activity on this port.
	Left port LED off, right port LED green. 2.5G link on this port.
	Left port LED off, right port LED blinking green. 2.5G link traffic activity on this port.
	Solid yellow. 1G link on this port
	Blinking yellow. 1G link traffic activity on this port.
	Off. No link on this port

Mount the switch on a wall

We recommend that you use the wall-mount screws that came with the switch.

1. Locate the two mounting holes on the bottom panel of the switch.
2. Mark and drill two mounting holes in the wall where you want to mount the switch.

   The two mounting holes must be 4.25 in. (108 mm) apart, center-to-center.
3. Insert the supplied anchors into the wall and tighten the screws with a No. 2 Phillips screwdriver.

   Leave about 0.125 in. (4 mm) of each screw protruding from the wall so that you can insert the screws into the holes on the bottom panel.

NOTE: The screws are 0.12 in. (3 mm) in diameter, 0.78 in. (20 mm) in length.

Technical specifications

Specification	Description
Ethernet network interfaces	Ports 1–8: Gigabit Ethernet with RJ-45 connectors that support 100BASE-TX and 1000BASE-T
Uplink port	• GS108X: Port 9: 1G/10G SFP+ • GS108MX: Port 9: 1G/2.5G/5G/10G Ethernet
Fanless	0 dBA
Power adapter	12V @ 1.5A DC input
Power consumption	4.63W
Dimensions (W x D x H)	9.3 x 4.0 x 1 in. (236 x 102 x 27 mm)
Weight	1.27 lb (575 g)
Operating temperature	32 to 104° F (0 to 40° C)
Operating humidity	10 to 90% relative humidity, noncondensing
Maximum operating altitude	10,000 ft. (3,000 m)
Storage temperature	–4 to 158° F (–20 to 70° C)
Storage humidity	5 to 95% relative humidity, noncondensing
Maximum storage altitude	10,000 ft. (3,000 m)
Electromagnetic certifications and compliance	FCC class B device, EU-RoHS
Safety certifications	CB, CE class B, VCCI class B, C-Tick/RCM class B

GS108X Supported Modules

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	
CAUTION: The SFP+ port on the GS108X supports 10G on fiber modules only. It does not support 10G copper modules and will not pass traffic through a 10G copper module. However, 1G copper modules are supported.	
AGM734	NETGEAR 1000BASE-T SFP RJ45 Transceiver
10G SFP+ DAC	
AXC761	NETGEAR 10G Direct Attach SFP+ to SFP+ 1 Meter Passive DAC Cable
AXC763	NETGEAR 10G Direct Attach SFP+ to SFP+ 3 Meter Passive DAC 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)

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 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.

201-32752-01