

# Installation

## 5-Port or 8-Port 10-Gigabit/Multi-Gigabit Ethernet Unmanaged Switch With 1 SFP+ Port

Universal Pro Series XS505M and XS508M



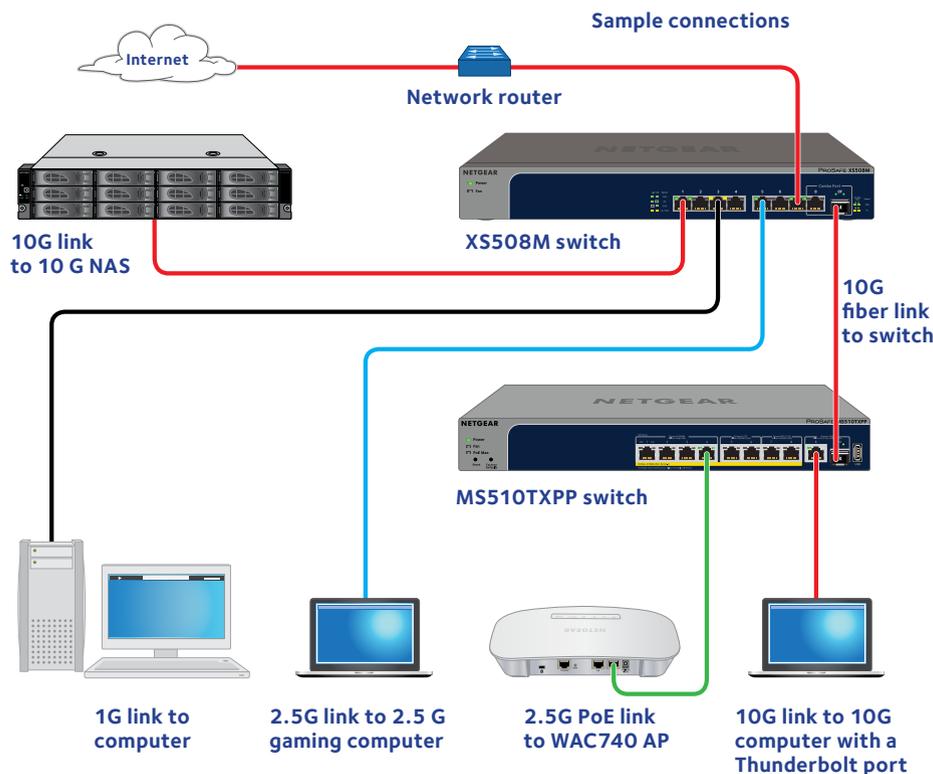
### Package Contents

- Switch (XS505M or XS508M)
- Power cable (localized to the country of sale)
- Rack-mount kit for rack installation
- Rubber feet
- Installation guide

**NETGEAR**

### Step 1. Connect the equipment.

Connect an Ethernet port or the SFP port on the switch to your router. Connect the other ports on the switch to network devices.



### Step 2. Connect to power.



### Step 3. Check the status.



#### Power LED

- On
- Off

#### Fan LED

- Check fan
- Normal

#### Ethernet port LEDs for ports 1–4 (XS505M) and 1–7 (XS508M)

- ■ 10G link (both port LEDs on). Both port LEDs blinking indicates traffic activity.
- ■ 5G link (left port LED off, right port LED on). Right port LED blinking indicates traffic activity.
- ■ 2.5G link (left port LED on, right port LED off). Left port LED blinking indicates traffic activity.
- ■ 1G or 100M link (both port LEDs on). Both port LEDs blinking indicates traffic activity.
- ■ No link (both port LEDs off).

#### SFP port LEDs (round)

Or, for port 8 (XS508M), Ethernet port LEDs (rectangular)

- ● 10G link (both port LEDs on). Both port LEDs blinking indicates traffic activity.
- ● 1G link (both port LEDs on). Both port LEDs blinking indicates traffic activity.
- ● No link (both port LEDs off).

**Note:** On model XS508M, port 8 is a combo port that lets you establish a 1G or 10G connection on either the Ethernet RJ-45 port (marked 8) or the SFP+ port (marked 8F). You cannot use both ports (8 and 8F) simultaneously.

## Cables and Speeds

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 100 meters (328 feet).

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

**Note:** For speeds of 10 Gbps, if the cable length is shorter than 55 meters (180 feet), you can use a Category 6 (Cat 6) cable.

## SFP Transceiver Modules

SFP+ fiber ports accommodate standard small form-factor pluggable (SFP) gigabit interface converters (GBICs, also referred to as transceiver modules) for fiber connectivity. GBICs are sold separately from the switch.

The following table describes the NETGEAR SFP transceiver modules and direct attach cables (DACs) that the switch supports.

Speed and Medium	Model	Description
1G Ethernet short-reach fiber	AGM731F	SFP transceiver 1000BASE-SX
1G Ethernet long-reach fiber	AGM732F	SFP transceiver 1000BASE-LX
1G Ethernet copper	AGM734	SFP transceiver 1000BASE-T
10G Ethernet short-reach fiber	AXM761	SFP+ transceiver 10GBASE-SR
10G Ethernet long-reach fiber	AXM762	SFP+ transceiver 10GBASE-LR
10G Ethernet long-range multimode fiber	AXM763	SFP+ transceiver 10GBASE-LRM

Speed and Medium	Model	Description
10G Ethernet	AXC761	SFP+ DAC, 1 meter
10G Ethernet	AXC763	SFP+ DAC, 3 meters

## Specifications

Specification	Description
Network interfaces	<p>Model XS505M:</p> <ul style="list-style-type: none"> <li>• Four 10G/Multi-Gigabit Ethernet RJ-45 ports that support 100M, 1G, 2.5G, 5G, and 10G</li> <li>• One SFP+ port that supports 1G and 10G</li> </ul> <p>Model XS508M:</p> <ul style="list-style-type: none"> <li>• Seven 10G/Multi-Gigabit Ethernet RJ-45 ports that support 100M, 1G, 2.5G, 5G, and 10G</li> <li>• One combo port that allows you to use either one of the following ports (you cannot use both ports simultaneously): <ul style="list-style-type: none"> <li>- Port 8, which is an Ethernet RJ-45 port that supports 1G and 10G</li> <li>- Port 8F, which is an SFP+ port that supports 1G and 10G</li> </ul> </li> </ul>
Power consumption	<p>Model XS505M: 25W</p> <p>Model XS508M: 40W</p>
Dimensions (W x D x H)	12.91 x 6.65 x 1.7 in. (328 x 169 x 43.2 mm)
Weight	<p>Model XS505M: 3.0 lb (1.38 kg)</p> <p>Model XS508M: 3.3 lb (1.49 kg)</p>
Operating temperature	32–122°F (0–50°C)
Operating humidity	10%–90% relative humidity, noncondensing.

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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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