

# Installation Guide

## 16-port Gigabit Ethernet Unmanaged Switch Model GS516v3



### Package contents

- NETGEAR 16-port Gigabit Ethernet Unmanaged Switch Model GS516v3
- Power cord (varies by region)
- Wall-mount installation kit
- Rack-mount brackets and screws
- Rubber feet
- Installation Guide



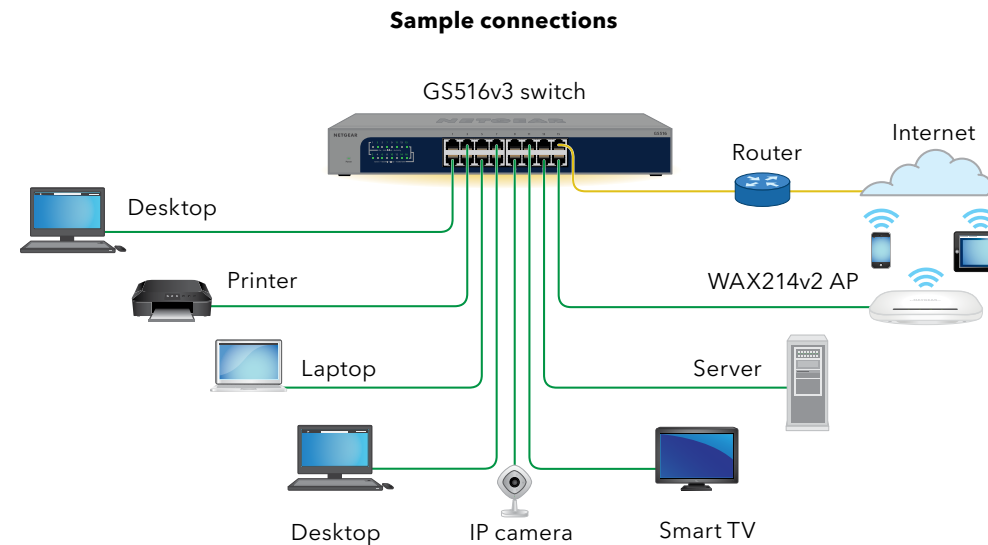
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## 1. Register the switch

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



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 <https://kb.netgear.com/000057103> for safety and warranty information.

## 3. Connect to power



## 4. Check the LEDs

When you connect the power adapter to the switch and plug the cable into an electrical outlet, the LEDs indicate the status:

LED	Description
Power LED	<b>Solid green:</b> The switch is powered on and operating normally. <b>Off:</b> Power is not supplied to the switch.
Numbered Port LED (Link and Activity)	<b>Solid green:</b> Link on this port.
	<b>Blinking green:</b> Activity on this port.
	<b>Off:</b> No link is detected on this port.
Square Port LED (Speed)	<b>Solid green:</b> 1 Gbps link on this port.
	<b>Solid yellow:</b> 100 Mbps or 10 Mbps link on this port.

## Attach the switch to a wall

To attach the switch to a wall, you need the wall-mount screws that are supplied with the switch. These screws are 6.3 mm in diameter, 27 mm in length.

**!** **NOTE:** The switch is designed to be mounted horizontally. Do not mount it vertically. The ports must be either at the bottom or the top of the switch.

### To attach the switch to a wall:

1. Locate the four mount holes on the bottom panel of the switch.
2. Mark and drill four holes in the wall where you want to mount the switch.  
The four holes must be at a precise distance of 3.94 in. (100 mm) from each other so that they form a square where each side is 3.94 in. (100 mm).
3. Insert the supplied anchors into the wall and tighten the supplied screws with a No. 2 Phillips screwdriver.  
Leave about 0.15 in. (4 mm) of each screw protruding from the wall so that you can insert the screws into the holes on the bottom panel.
4. Position the switch so that the mount holes are directly over the screws, and slide the switch down until the top of each mount hole sits directly on the screw, locking the switch securely.

## Install the switch in a rack

To install the switch in a rack, you need the rack-mount brackets and screws that are supplied with the switch.

### To install the switch in a rack:

1. Attach the supplied mounting brackets to the side of the switch.  
Insert the screws provided in the product package 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.

## Technical specifications

Specification	Description
Network interfaces	RJ-45 connectors that support 1000BASE-T, 100BASE-TX, and 10BASE-T
Ports	16
Network cable	We recommend that you use Category 5e (Cat 5e) cables or higher rated cables for Gigabit Ethernet connections.
AC power input	100~240V, 50/60Hz, 0.7A
Maximum power consumption	8.13W
Hardware security	Kensington slot
Dimensions (W x D x H)	12.91 x 6.65 x 1.69 in. (328 mm x 169 mm x 43 mm)
Weight	2.99 lb (1.36 kg)
Operating temperature	32 to 122° F (0 to 50° C)
Operating humidity	10 to 90% relative humidity, noncondensing
Storage temperature	-4 to 158° F (-20 to 70° C)
Storage humidity	5 to 95% relative humidity, noncondensing
Maximum operating and storage altitude	10,000 ft. (3,000 m)
Electromagnetic certifications and compliance	FCC, CE, RCM, VCCI, BSMI, KC, ISED, UKCA
Safety certifications	CSA, CE LVD, BSMI, RCM, UKCA

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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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(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>.

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

Do not use this device outdoors.

Applicable to 6 GHz devices only: Only use the device indoors. The operation of 6 GHz devices is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet. Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

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