

Installation Guide

16-port Gigabit Ethernet Unmanaged Switch Model GS316v3



Package contents

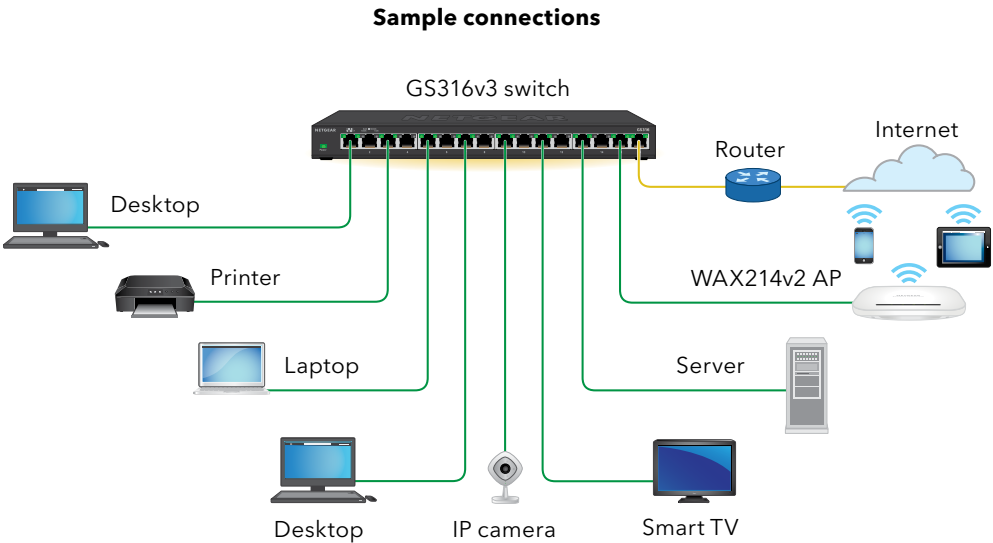
- NETGEAR 16-port Gigabit Ethernet Unmanaged Switch Model GS316v3
- Power adapter
- Wall-mount installation kit
- Rubber feet
- Installation Guide



1. Register the switch

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** menus, 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	Solid green: The switch is powered on and operating normally. Off: Power is not supplied to the switch.
Both Port LEDs	Solid green: 1 Gbps link on this port. Blinking green: 1 Gbps activity on this port. Off: No link is detected on this port.
Left Port LED only	Solid green: 100 Mbps link on this port. Blinking green: 100 Mbps activity on this port. Off: No link is detected on this port.
Right Port LED only	Solid green: 10 Mbps link on this port. Blinking green: 10 Mbps activity on this port. Off: No link is detected 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.

To attach the switch to a wall:

1. Locate the two mount holes on the bottom panel of the switch.
2. Mark and drill two holes in the wall where you want to mount the switch.
You can mount the switch horizontally or vertically:
 - **Horizontally:** The two holes must be at a precise distance of 7.9 in. (200 mm) from each other. The ports must be either at the bottom or the top of the switch.
 - **Vertically:** The two holes must be at a precise distance of 7.9 in. (200 mm) from each other. The ports must be either at the left or the right of the switch.
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.

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.
Power adapter	12V @ 1.5A DC input
Maximum power consumption	8.1W
Hardware security	Kensington slot
Dimensions (W x D x H)	11.3 x 4.0 x 1.1 in. (286 x 102 x 27 mm)
Weight	1.96 lb. (890 g)
Operating temperature	32 to 104° F (0 to 40° 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	EMC class A device, FCC, ISED, CE, RCM, VCCI, BSMI, KC
Safety certifications	CB, CE LVD, BSMI, RCM

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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.