

NETGEAR GS608

NETGEAR ProSafe GS608 8-Port Gigabit Ethernet Switch User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NETGEAR ProSafe GS608 8-Port Gigabit Ethernet Switch. This device is designed to expand your network capacity by providing eight 10/100/1000 Mbps Ethernet ports, enabling high-speed data transfer for connected devices.



Figure 1: Front view of the NETGEAR ProSafe GS608 Switch, showing the power indicator and eight port status LEDs.

2. PACKAGE CONTENTS

Verify that your package contains the following items:

- NETGEAR ProSafe GS608 8-Port 10/100/1000 Mbps Gigabit Ethernet Switch
- Vertical stand
- Power adapter

- Installation guide
- Warranty/Support information card

3. SETUP

Follow these steps to set up your NETGEAR GS608 switch:

1. **Position the Switch:** Place the switch on a flat, stable surface or use the included vertical stand for upright positioning. Ensure adequate ventilation around the device.



Figure 2: NETGEAR GS608 Switch mounted on its vertical stand.

2. **Connect the Power Adapter:** Plug the power adapter into the DC input port on the rear of the switch. Connect the other end of the power adapter to a standard electrical outlet. The power LED on the front of the switch will illuminate.
3. **Connect Network Devices:** Use standard Ethernet cables (Category 5e or higher recommended for Gigabit speeds) to connect your network devices (e.g., computers, routers, network-attached storage, gaming consoles) to any of the eight RJ-45 ports on the rear of the switch.

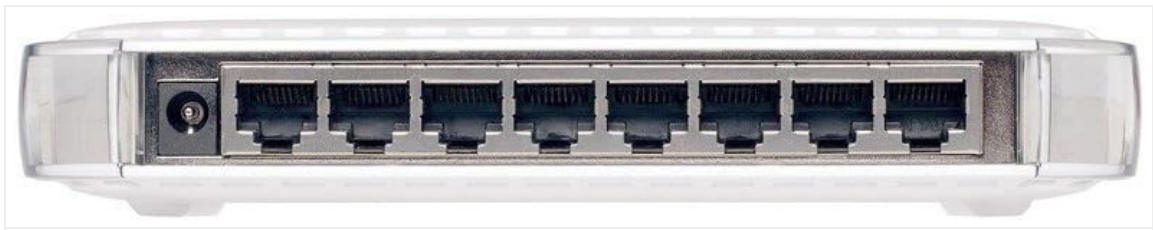


Figure 3: Rear view of the NETGEAR GS608 Switch, illustrating the eight RJ-45 Ethernet ports and the power input.

4. **Verify Connections:** Once devices are connected, observe the corresponding port LEDs on the front panel. A green LED indicates a Gigabit (1000 Mbps) connection, while an amber (orange) LED indicates a Fast Ethernet (10/100 Mbps) connection.

4. OPERATING INSTRUCTIONS

The NETGEAR GS608 is a plug-and-play device, requiring no software configuration. It automatically detects network speed and cable type, providing optimal performance for connected devices.

- **Power On/Off:** The switch powers on automatically when connected to an electrical outlet. Some power adapters may include an integrated switch for convenience.
- **LED Indicators:**
 - **Power LED:** Illuminates when the switch is receiving power.
 - **Port LEDs (1-8):**
 - **Green:** Indicates an active Gigabit (1000 Mbps) connection.
 - **Amber (Orange):** Indicates an active Fast Ethernet (10/100 Mbps) connection.
 - **Off:** No device is connected or the connected device is powered off.
- **Quiet Operation:** The fanless design ensures silent operation, making it suitable for various environments.

5. MAINTENANCE

To ensure the longevity and optimal performance of your switch, consider the following maintenance guidelines:

- **Cleaning:** Gently wipe the exterior of the switch with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- **Ventilation:** Ensure that the ventilation slots are not obstructed to prevent overheating.
- **Environmental Conditions:** Operate the switch within recommended temperature and humidity ranges as specified in the product documentation.
- **Safety Warning:** The solder used in this product contains lead, a chemical known to the State of California to cause birth defects and other reproductive harm. Please wash hands after handling internal components and circuit boards and avoid inhalation of fumes if heating the solder.

6. TROUBLESHOOTING

If you encounter issues with your NETGEAR GS608 switch, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to both the switch and a working electrical outlet.

- Check if the power outlet is functional by plugging in another device.
- **No Link Light:**
 - Verify that the Ethernet cable is securely connected to both the switch port and the network device.
 - Ensure the connected network device is powered on and functioning correctly.
 - Try a different Ethernet cable to rule out cable failure.
 - Test with a different port on the switch.
- **Slow Network Speed:**
 - Check the color of the port LED. If it's amber, the connection is 10/100 Mbps. Ensure your connected device and Ethernet cable (Category 5e or higher) support Gigabit speeds for a green LED indication.
 - Ensure your network adapter on the connected device is configured for Gigabit speed (if applicable).

7. SPECIFICATIONS

Key technical specifications for the NETGEAR ProSafe GS608 switch:

Feature	Detail
Number of Ports	8
Data Transfer Rate	1 Gigabits Per Second (10/100/1000 Mbps)
Product Dimensions (LxWxH)	7"L x 4.6"W x 1.2"H (17.78 cm x 11.68 cm x 3.05 cm)
Item Weight	12.3 ounces (350 Grams)
Voltage	12 Volts (AC)
Interface Type	RJ45
Case Material	Plastic
Model Number	GS608-300PES
Manufacturer	NETGEAR

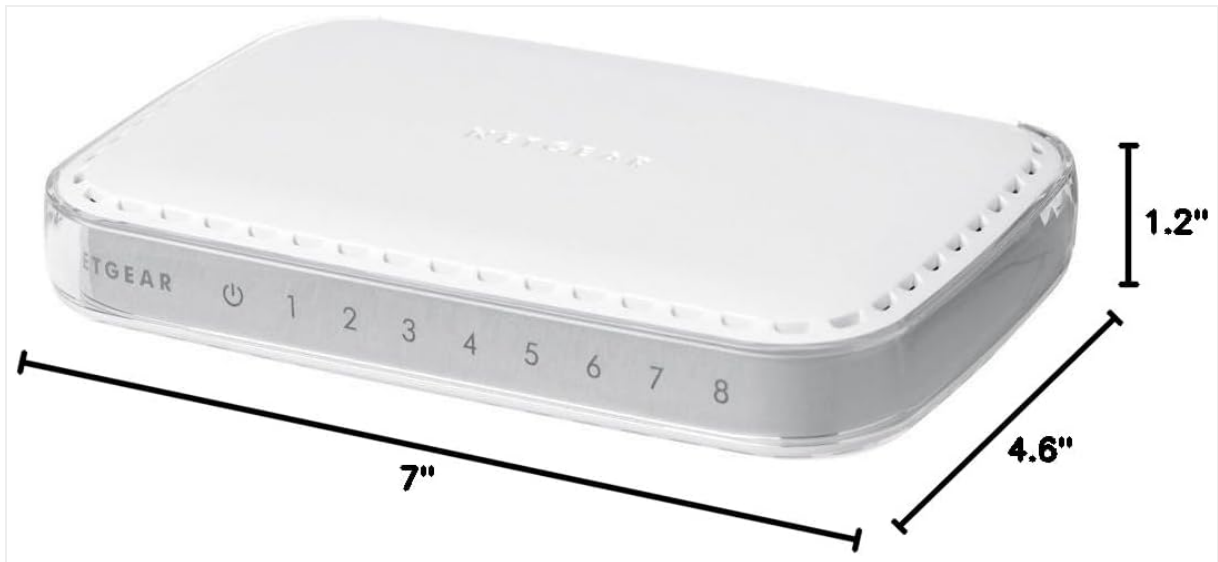


Figure 4: Dimensional overview of the NETGEAR GS608 Switch.

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the Warranty/Support information card included in your product package. You can also visit the official NETGEAR support website for additional resources, FAQs, and contact options.

NETGEAR Support Website: www.netgear.com/support