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NETGEAR GS308-300PAS

NETGEAR 8-Port Gigabit Ethernet Unmanaged Essentials Switch (GS308)

Model: GS308-300PAS

Introduction

The NETGEAR 8-port Gigabit unmanaged switch (GS308) offers a straightforward, dependable, and cost-effective solution for expanding network connections within home and small office environments. Designed for simplicity, it features plug-and-play functionality, requiring no complex software installation or configuration. Its robust metal casing ensures durability, while advanced features like Auto-MDI/MDIX, per-port LED indicators, energy-efficient technology, a fanless design for silent operation, auto-negotiation, and non-blocking switching architecture contribute to its high performance and ease of use.

Key features of the GS308 include:

- 8 Gigabit Ethernet ports for high-speed wired connections.
- Simple plug-and-play setup, eliminating the need for software installation or configuration.
- Versatile placement options, supporting both desktop and wall mount installations.
- Industry-leading 3-year limited hardware warranty for peace of mind.
- Energy-efficient design compliant with IEEE802.3az standards.
- Silent operation, making it ideal for noise-sensitive environments.

Setup

Setting up your NETGEAR GS308 switch is designed to be quick and effortless, requiring no technical expertise. It is a true plug-and-play device.

Basic Installation Steps:

1. **Connect Power:** Plug the provided power adapter into the switch's power input and then into a wall outlet. The power LED on the switch should illuminate.
2. **Connect to Router/Modem:** Connect an Ethernet cable from your router or modem to any of the 8 Gigabit Ethernet ports on the GS308 switch.
3. **Connect Devices:** Connect your network devices (e.g., computers, game consoles, smart TVs, printers) to the remaining Ethernet ports on the switch using Ethernet cables.
4. **Verify Connection:** For each connected device, observe the corresponding LED indicator on the switch. A small green light next to the port indicates a successful connection and active data transfer.

The switch supports both desktop placement and wall mounting for flexible installation. For detailed instructions, please refer to the official User Guide and Installation Manual available in PDF format.



This diagram illustrates how to easily expand wired connectivity throughout your home by connecting the GS308 switch to your router and various devices.

Operating

The NETGEAR GS308 is an unmanaged switch, meaning it operates automatically without requiring any user configuration or management software. Once connected, it intelligently handles network traffic to provide high-speed data transfer to all connected devices.

Key Operational Aspects:

- **Gigabit Speed:** All 8 ports support Gigabit Ethernet (10/100/1000 Mbps), ensuring fast data transfer rates for demanding applications like streaming 4K video, online gaming, and large file transfers.
- **Silent Operation:** The fanless design ensures completely silent operation, making it suitable for placement in living rooms, bedrooms, or quiet office spaces without causing any noise disturbance.
- **Energy Efficiency:** Equipped with energy-efficient technology (IEEE 802.3az Energy Efficient Ethernet), the switch automatically adjusts power consumption based on cable length and network traffic, reducing energy costs.
- **Automatic Features:** Features like Auto-MDI/MDIX eliminate the need for crossover cables, and auto-

negotiation automatically determines the optimal speed and duplex mode for connected devices.



Utilize the GS308 to free up your Wi-Fi and enjoy fast, wired connections for all your entertainment devices, ensuring smooth streaming.



Connect all your office devices to this high-speed, plug-and-play switch for a reliable home office network.

Maintenance

The NETGEAR GS308 unmanaged switch is designed for minimal maintenance. Due to its plug-and-play nature and lack of configurable settings, routine software updates or complex management tasks are not required.

General Care:

- Keep the device in a well-ventilated area to prevent overheating, although its fanless design helps manage temperature efficiently.
- Ensure the power adapter and Ethernet cables are securely connected.
- Clean the exterior of the switch periodically with a soft, dry cloth to remove dust. Avoid using liquid cleaners or aerosols.

Troubleshooting

While the NETGEAR GS308 is highly reliable, here are some basic troubleshooting steps if you encounter network connectivity issues:

- **No Power:** If the power LED is off, ensure the power adapter is securely plugged into both the switch and a working electrical outlet. Try a different outlet if necessary.
- **No Link Light:** If a device is connected but its corresponding port LED on the switch is not lit (or not blinking), check the Ethernet cable. Ensure it is properly seated at both ends (switch and device). Try a different Ethernet cable or port.
- **Slow Connection:** While the switch supports Gigabit speeds, ensure your connected devices and the Ethernet cables themselves are also Gigabit-capable. Older devices or Cat5 cables might limit speeds.
- **Intermittent Connectivity:** Check for loose cable connections. If the issue persists, try restarting the switch by unplugging and re-plugging the power adapter.

For more complex issues, consult the comprehensive User Guide or visit the NETGEAR support website.

Specifications

Feature	Description
Model Number	GS308-300PAS
Switch Type	Unmanaged
Number of Ports	8 Gigabit Ethernet (RJ45)
Data Transfer Rate	1 Gigabits Per Second (10/100/1000 Mbps)
Product Dimensions (L x W x H)	6.22" x 4.02" x 1.02"
Item Weight	0.39 Kilograms (13.7 ounces)
Case Material	Metal
Voltage	12 Volts (DC)
Current Rating	0.01 Amps
Compatible Devices	Computers, servers, other switches, and networking hardware
Color	Yellow



An overview of the GS308's key features and physical attributes, including its ports and power switch.

Warranty

The NETGEAR 8-Port Gigabit Ethernet Unmanaged Essentials Switch (GS308) comes with an industry-leading **3-year limited hardware warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms, conditions, and registration details, please refer to the warranty information included with your product or visit the official NETGEAR support website.

Support

For additional assistance, technical support, or to access the latest documentation and drivers, please visit the official NETGEAR support website. You can also refer to the following resources:

- **Installation Manual (PDF):** Download Here
- **User Guide (PDF):** Download Here

NETGEAR provides comprehensive online resources to help you get the most out of your product.

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