Asustor ASW209X

Asustor Switch'nstor 9 Gen 2 ASW209X Unmanaged Ethernet Switch User Manual

Model: ASW209X

Introduction

The Asustor Switch'nstor 9 Gen 2 ASW209X is a high-performance, unmanaged Ethernet switch designed to enhance your network connectivity. Featuring one 10-Gigabit Ethernet SFP+ port and eight 2.5-Gigabit Ethernet RJ45 ports, this switch provides robust and efficient data transfer for various applications, from home offices to small businesses. Its plug-and-play design ensures easy installation without complex configuration.

Package Contents

Please verify that all items listed below are included in your package:

- ASW209X Unit x1
- Quick Installation Guide x1
- AC Adapter x1
- Rubber Feet x4

Product Overview

The ASW209X switch is equipped with various ports and indicators to facilitate network connections and status monitoring.

Front Panel

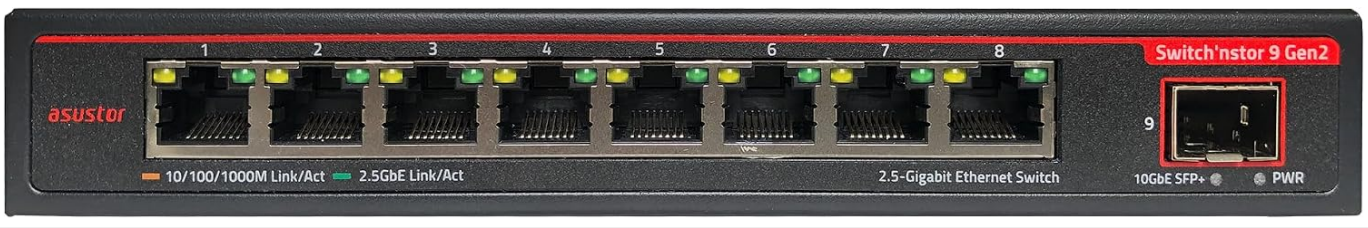


Image: Front view of the ASW209X switch, highlighting the 8 RJ45 ports and 1 SFP+ port, along with their respective link/activity LEDs.

- **Ports 1-8 (RJ45):** Eight 2.5-Gigabit Ethernet ports. These ports support 10/100/1000Mbps and 2.5Gbps speeds, automatically detecting the connected device's speed.
- **Port 9 (SFP+):** One 10-Gigabit Ethernet SFP+ port. This port is designed for high-speed fiber optic connections or direct attach copper (DAC) cables, supporting 10Gbps.
- **Link/Act LEDs:** Each RJ45 port has two LEDs. The top LED indicates 10/100/1000Mbps link/activity (green), and the bottom LED indicates 2.5Gbps link/activity (yellow). The SFP+ port has a single LED for 10Gbps link/activity (green).
- **PWR LED:** Indicates the power status of the switch. Lit when the device is powered on.

Rear Panel

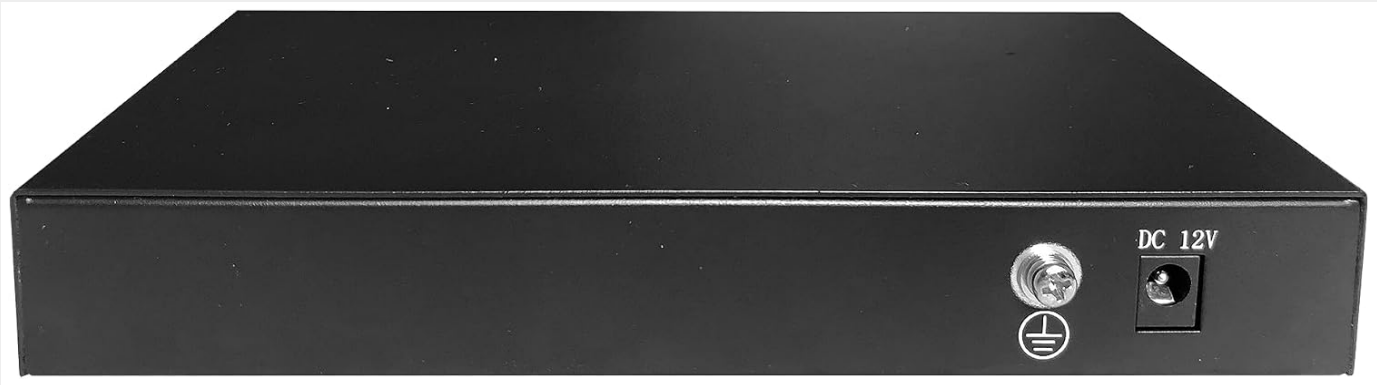


Image: Rear view of the ASW209X switch, showing the DC 12V power input and the grounding screw.

- **DC 12V Power Input:** Connect the provided AC adapter here.
- **Grounding Screw:** For optional grounding to protect against electrical surges.

Installation and Setup

The ASW209X is a plug-and-play device, requiring no software configuration. Follow these steps for basic setup:

Step 1: Unpacking

1. Carefully remove the switch and all accessories from the packaging.
2. Inspect the device for any signs of damage. If damaged, contact your vendor.

Step 2: Connecting Network Devices

1. Connect your network devices (e.g., computers, NAS, routers, servers) to the RJ45 ports (1-8) using standard Ethernet cables. The switch supports auto MDI/MDIX, so you can use either straight-through or crossover cables.
2. For 10GbE connectivity, insert a compatible SFP+ transceiver module (not included) into Port 9, then connect your 10GbE device using an appropriate fiber optic or DAC cable.

Step 3: Powering On

1. Connect the provided AC adapter to the DC 12V power input on the rear panel of the switch.
2. Plug the AC adapter into a power outlet.
3. The PWR LED on the front panel will illuminate, indicating the switch is powered on and operational.

Mounting Options

The ASW209X is designed for both desktop and wall-mount installations.

- **Desktop Placement:** Attach the included rubber feet to the bottom of the switch to prevent slipping and protect

surfaces. Place the switch on a flat, stable surface with adequate ventilation.

- **Wall Mounting:** The switch features mounting holes on the bottom for secure wall installation. Use appropriate screws (not included) for your wall type. Ensure the switch is mounted in a location that allows for proper cable management and ventilation.

Operation

The ASW209X is an unmanaged switch, meaning it operates automatically without requiring user configuration. Once powered on and connected, it will begin forwarding network traffic.

- **Automatic Speed Detection:** The RJ45 ports automatically detect the speed of connected devices (10/100/1000Mbps or 2.5Gbps) and adjust accordingly.
- **LED Indicators:** Monitor the Link/Act LEDs on the front panel to confirm active connections and data transfer. A solid light indicates a link, and a blinking light indicates activity.

Maintenance

To ensure optimal performance and longevity of your ASW209X switch, consider the following maintenance guidelines:

- **Placement:** Place the switch in a cool, dry, and well-ventilated area. Avoid direct sunlight, heat sources, and excessive humidity.
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the switch. Do not use liquid or aerosol cleaners. Ensure the device is powered off before cleaning.
- **Cable Management:** Keep network cables organized and free from kinks or excessive bending to prevent signal degradation.
- **Power Supply:** Use only the AC adapter provided with the switch. Using an incompatible power supply may damage the device.

Troubleshooting

If you encounter issues with your ASW209X switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No power (PWR LED off)	Power adapter not connected or faulty; power outlet not working.	Ensure the AC adapter is securely connected to the switch and a working power outlet. Test the outlet with another device.
No link light for a connected device	Incorrect cable; faulty cable; device not powered on; faulty port.	Verify the Ethernet cable is correctly connected at both ends. Try a different cable. Ensure the connected device is powered on. Try connecting to a different port on the switch.
Slow network speed	Cable quality; device capability; network congestion.	Ensure you are using appropriate cables (e.g., Cat5e/Cat6 for 2.5GbE, Cat6a/Cat7 for 10GbE). Verify that connected devices support the desired speeds. Check for other network activity that might be causing congestion.
SFP+ port not working	Incompatible SFP+ module; faulty module/cable; device not configured for 10GbE.	Ensure the SFP+ module and cable are compatible and correctly inserted. Verify the connected 10GbE device is operational and configured correctly.

Technical Specifications

Model Number	ASW209X
Number of Ports	9
Interface Type	8x RJ45 (2.5GbE), 1x SFP+ (10GbE)
Data Transfer Rate	Up to 60 Gbps Switching Capacity
Chipsets	RTL8373, RTL8224
Design	Fanless, Desktop/Wall Mount
Item Weight	1.65 pounds (750 Grams)
Package Dimensions	9.81 x 7.56 x 2.48 inches
Color	Black

Warranty and Support

Asustor products are designed for reliability and performance. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Asustor website.
If you require technical assistance or have questions about your ASW209X switch, please visit the Asustor support portal or contact their customer service department. You can find contact information and resources on the official Asustor website: www.asustor.com

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Name

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Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question