

Nozomi Networks NSG-M Guardian Appliance

1. Unpacking the System

Inspect the chassis if it was damaged in any way. If you find any damages, please contact Nozomi Networks support at support@nozominetworks.com.

BOX CONTENTS

- Nozomi Networks NSG-M Guardian appliance
- RJ45 to DB9 serial adapter for console access
- USB cable for console access
- Appliance grounding cable
- RJ45 network cable (1)
- Rail mounting bracket
- Rubber feet for desktop mounting



NSG-M Series

2. Setup precautions and considerations

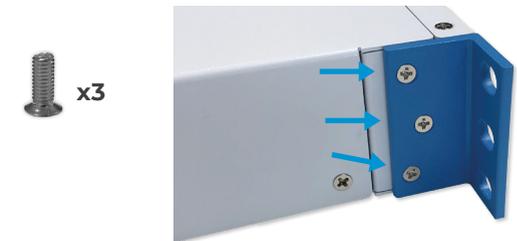
Observe the following precautions to help prevent potential for property damage, personnel injury or death.

- Do not use damaged equipment, including exposed, frayed or damaged power cables.
- Do not operate the appliance with any covers removed.
- Choose a suitable location for the appliance:
 - It should be situated in a clean, dust-free area that is well ventilated. Avoid area where heat, electrical noise and electromagnetic fields are generated.
 - Avoid areas where it can get wet. Protect the appliance from liquid intrusion. If the appliance gets wet disconnect power to the appliance.
- Use a regulating uninterruptible power supply (UPS) to protect the appliance from power surges, voltage spikes and to keep your system operating in case of a power failure.
- A reliable ground must be maintained at all times. To ensure this, the rack itself should be grounded and the appliance chassis should be connected for grounding to the rack via the provided appliance grounding cable.
- It should be mounted into a rack or otherwise placed so that the amount of airflow required for safe operation is not compromised.
- If mounted into a rack it should be placed so that a hazardous condition does not arise due to uneven mechanical loading.

3. Rack mounting instructions

Unbox the appliance. Rack mounting brackets and their mounting screws are included in the pizza box on the upper shelf of the package.

Affix each bracket to the appliance, using three of the provided (grey) screws as shown below:



2-posts rack mounting

You can now mount the appliance in a standard 19" rack. Nuts and bolts for square holes are included in the box.



4-posts rack mounting

For additional weight support, you can mount the appliance to 4-posts racks either using the provided 4-posts rack rails OR using the (optional) NSG-M 4-posts rail mount kit.

In case you use the NSG-M 4-posts rail mount kit, refer to NSG-M 4-posts rail mount kit instructions and skip the below instructions.

To assemble the 4-posts rack rails, you will need:

- The rails (*in the upper tray box*)
- The rail brackets (*in the pizza box*)
- The black screws (*in the pizza box*)
- A Philips screwdriver (*not provided*)

Assemble each rail with its ending bracket, using 2 of the provided screws.

While mounting, make sure that the incoming rail ends up being roughly in the middle of the bracket.

Affix it with two M4*4 screws.



Measure the distance between the front and back posts of the rack where you're going to mount the appliance. Mount the rails on the appliance so that the distance between the front appliance bracket and the rail bracket is approximately the same of the posts distance.



Use at least two of the provided M4*4 (black) screws to affix the rail to the appliance.

Rack the appliance using nuts and cages (not included) as needed. Once in place, tighten the screws binding the rails to the appliance.

4. Connecting Cables

Once the appliance is in place, connect the needed cables:

- Connect the management port (MGMT) to the designated network switch or equipment. One RJ45 cable is included in the box for this purpose.
- Plug the SFP modules into the slots if needed.
- Connect monitoring ports to the proper network mirror sources as needed.
- Connect the power cable to the appliance, then to the power supply.



5. Initial Setup

Turn on the appliance by switching the power switch on its back to the position 'I' (on)

Attach to the serial console port using the RJ45 Console access in front of the appliance and the provided cable.

Alternatively, you could connect a USB cable with a micro USB type B plug to the USB CONSOLE port (also on the front side of the appliance).



Connect to the serial console using 9600 bauds and no parity bit set.

6. Continue Setup

Continue the setup using the *Guardian User Manual, Chapter 1: Installation*.