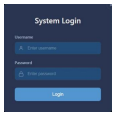
NAS10GS16XQF2XF4

Quick Installation Guide



3 Web management

1. Connect your laptop to MNT. Set its Ethernet address to 192.168.0.2 (if unused) and its subnet mask to 255.255.255.0.
2. Open a browser and enter http://192.168.0.1 in the address bar. For a previously configured switch, use its current management address.
3. At factory settings, enter admin for both the username and password, using lowercase letters. Select Login or press Enter.



4. Open System Information to check the switch identity and firmware. Use the navigation menu to select the settings you need.
5. Select Apply to activate a change. Under Tools, open the save configuration page and select Save to retain changes after a restart.

2 Product introduction

The NAS10GS16XQF2XF4 is a managed Layer 3 switch with 16 copper ports for 10 Gigabit Ethernet and PoE+, plus six optical uplink slots.



Front panel

1–16	10G RJ45 ports for network devices and PoE loads.
17–18	40G QSFP+ uplink slots.
19–22	10G SFP+ uplink slots.
MNT	Ethernet management port for a laptop or management network.
Console	Serial console connection.

Rear panel

AC power inlet, power switch, grounding point, and fan outlets. Keep the fan outlets clear.

1 About this guide

Use this guide to install the NAS10GS16XQF2XF4 and reach the switch's web interface for the first time.

Installation sequence

1. Identify the ports and check the available PoE budget.
2. Mount the switch and leave the ventilation openings clear.
3. Connect the network cables and AC power.
4. Sign in from a laptop and save the configuration.

Before you start

Have an Ethernet cable, a laptop with an Ethernet interface or adapter, and access to a grounded AC outlet. For rack mounting, have the brackets and rack hardware ready.

If the switch is already in service, obtain its management address and credentials from the network administrator.

4 Technical specifications

Copper ports	16 × 10G RJ45
Optical uplinks	4 × 10G SFP+ and 2 × 40G QSFP+
Management	Ethernet management and console
Switching capacity	560 Gbps
Forwarding rate	375.12 Mpps
Forwarding mode	Store and forward
Packet buffer	32 Mbit
MAC address table	32K entries
Queues per port	8
PoE ports	1–16, IEEE 802.3af/at
PoE power	30 W per port, 400 W total
AC input	100–240 V AC, 50/60 Hz
Dimensions	440 × 280 × 44 mm
Weight	5 kg
Operating range	0–40 °C, 5–95% RH, noncondensing
Storage temperature	-10 to 70 °C

3 Hardware installation

Desktop installation

Place the switch on a level, stable surface that supports its weight. Leave the side vents and rear fan outlets clear.

Rack installation

1. With the switch powered off, attach the rack brackets to the sides of the chassis using the matching screws.
2. Support the chassis while fastening both brackets to the rack rails. Check that the switch is secure before connecting cables.

Connect network devices

Connect copper devices to ports 1–16. For fiber uplinks, use a compatible transceiver and cable for the selected SFP+ or QSFP+ slot. Match the uplink speed at both ends.

Each PoE port can supply up to 30 W. Keep the combined load within the 400 W switch budget.

3 Power and first startup

Connect the power supply

1. Set the rear power switch to off. Connect the AC power cord to the rear inlet, then to a grounded outlet rated for 100–240 V AC, 50/60 Hz.
2. Turn the switch on. Check the power indicator and allow the switch to start.
3. Check the Link/Act indicator for each connected network port. For a powered device, also check the PoE indicator and confirm that the device starts.



If the login page does not open

Check the Ethernet link, laptop IP address, subnet mask, and switch management address. For first setup, use a direct connection to the management port.