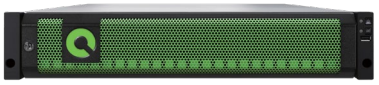
XN5 / XN4 Quick Installation Guide

Thank you for purchasing QSAN storage system.

1 BEFORE YOU BEGIN

Package Contents

A QSAN storage system includes:

System Chassis (x1)		Disk Drive Trays	Slide Rail Kit (x1)
		(x26 SFF[1]) for 2U 26-bay 	
AC Power Cords (x2)	**RS-232 Console Cable**	**Screws Pack for Disk Drives**	**10 Gb SFP+ Gbic**
	(x2) for dual controller model (x1) for single controller model 		(x4) for dual con model (x2) for single con model 

Optional Accessories

You can check the optional accessories on QSAN website: https://www.qsan.com

Prepare System Information for Installation

- System name
- Admin password
- NTP server address
- Management IP address at controller 1
- DNS server address

More Information

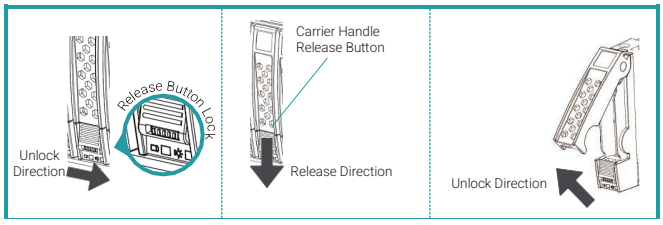
For additional hardware manual, software manual, or compatibility matrix which includes HDD, SSD, HBA, and switch requirements, please refer to the QSAN download center.

[1] SFF : Small Form Factor / 2.5" disk drive
XN5 / XN4 only support QSAN SD4 SSD

2 INSTALL THE DISK DRIVES

Unlock the Disk Drive Tray

- The standard position of the disk drive tray is locked to prevent damage during transport.
- To unlock disk drive tray: shift the release button lock from left to right.

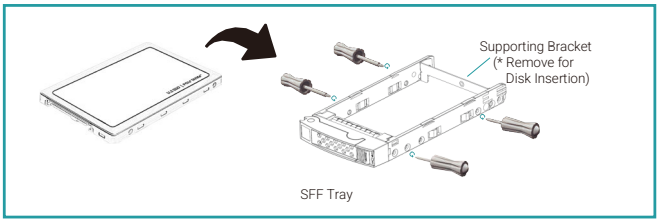


Open the Carrier Handle of a Disk Drive Tray

- Open a disk drive tray carrier handle: shift the carrier handle release button from up to down; then carrier handle will automatically pop out.

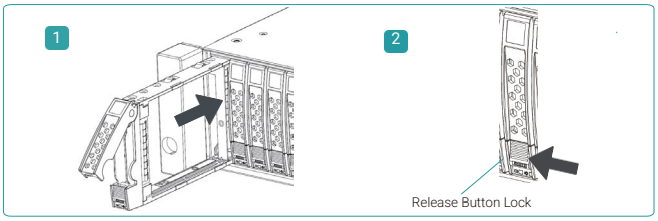
Install a Disk Drive into a Tray

1. Place a disk drive tray onto a stable surface.
2. Remove the supporting bracket. Then align the disk drive with the connector facing away from the carrier handle.
3. Align the four disk drive tray screw holes on both sides of the disk tray.
4. Install and tighten all four screws to secure disk drive within the tray.



Install the Tray with the SSD into the System Chassis

1. Users must open the carrier handle of the tray before installing it into the empty bay of the system chassis.
2. Align an SSD with the tray to the empty bay you would like to install, and push it all the way into the disk drive bay until the carrier handle can be closed.
3. Lock the release button lock by pushing the lock from right to left.
4. Refer to the label on the system chassis for the disk numbering. The disk numbering for system is printed on the chassis.



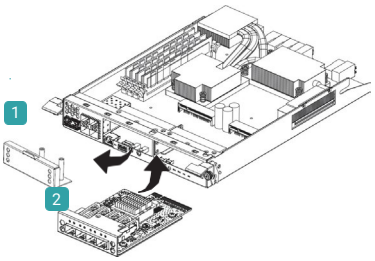
Install the Bezel

1. Insert the bezel into the right the mounting hole, then the left mounting hole.
2. Lock the bezel lock with the key in the package.

3 INSTALL THE OPTIONAL HOST CARDS

Please refer to the hardware manual for detailed instructions.

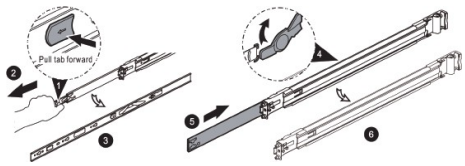
1. Uninstall host card dummy bracket.
2. Insert host card to host card slot 1.



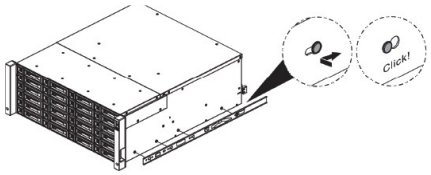
4 INSTALL THE RAIL KIT

CAUTION
The populated storage system can be very heavy, to avoid any potential injury or harm to installers, or damage to the system, we strongly recommend at least two certified operators or engineers perform the system installation.

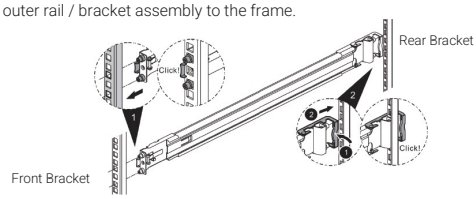
1 Pull the inner rail out and slide the intermediate member back.



2 Install the inner rail onto the chassis.



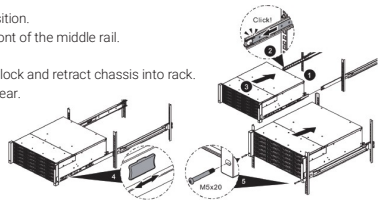
3 Install the outer rail / bracket assembly to the frame.



Note : Please repeat the installation steps for the other side.

4 Insert the chassis to complete the installation.

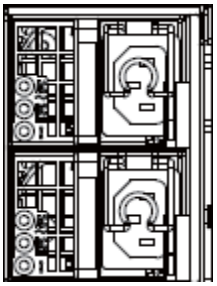
Step 1. Pull the middle rail fully extended in locked position.
Step 2. Ensure ball bearing retainer is located at the front of the middle rail.
Step 3. Insert chassis into middle-outer rail.
Step 4. When hit the stop, pull / push release tab to unlock and retract chassis into rack.
Step 5. Use M5 x 20mm screws to fasten the chassis ear.



5 POWER ON THE STORAGE SYSTEM

Connect the Power Cables

1. Connect power cables from each power supply module to a power source.
2. Make sure to secure the power cables to the power supply modules so they cannot be pulled out accidentally.

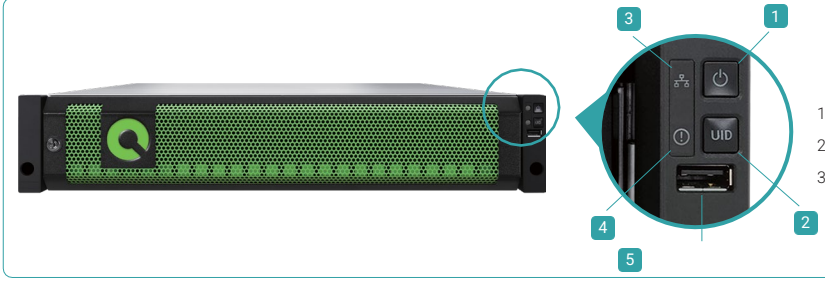


Power on the System Components

1. Power on any network switches, routers, or other standalone components.
2. Power on any expansion enclosures that might be a part of the system.
3. Power on the system by pressing the power button on the front of the system.

TIP
Please wait for the controller status LED to turn green on the rear of the chassis before attempting to discover or manage the storage system. It may take a few minutes to boot the system.

4. See the diagram below to determine the meaning of the lights and indicators on the front of the system.



1. Enclosure Power Button / LED
2. UID (Unique Identifier) Button / LED
3. Enclosure Access LED
4. Enclosure Status LED
5. USB Port

6 DISCOVER AND SETUP THESYSTEM

Discover the System

The default setting for the management IP address is DHCP. We provide the XFinder Java utility to search for QSAN products on the network and aid quick access to the login page of the web interface.

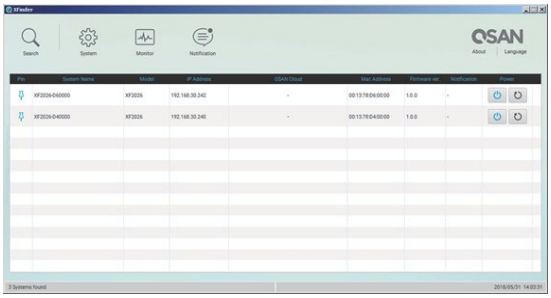
XFinder Utility

To download XFinder, please visit: https://www.qsan.com/download_center

XFinder is a Java based program. To execute this program, JRE (Java Runtime Environment) is required. You can visit the following website to download and install JRE: http://www.java.com/download

After JRE is installed, run the XFinder.jar program. The storage system in your network will be detected and listed in the table.

Select the system you are looking for. Double clicking the selected entry will automatically bring up the browser and display the login page.



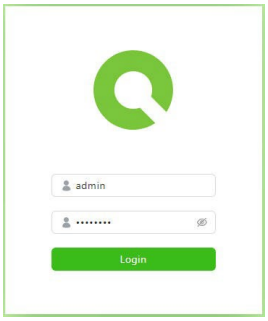
TIP:
If the LAN doesn't have a DHCP server, the management port will be assigned a fix IP address: 169.254.1.234/16. So you can configure the IP address of your management computer to the same subnet domain of the storage system, e.g.: 169.254.1.1/16. Then open a browser and enter http://169.254.1.234 to go into the login page.

Initial Setup

Step 1

To access the web interface, you have to enter a username and password. The initial defaults for the administrator login are:

- Username: **admin** - Password: **1234**



Step 2

The initial configuration wizard will guide the first-time user to initialize and setup the system quickly.

Storage Management

After initial setup, the next step is to configure the specific storage settings for your requirement. For more information about managing the storage, please refer to the QSM software manual which can be downloaded from the QSAN website: https://www.qsan.com/download_center

By installing or using QSM onto the QSAN products, you agree to be bounded by the terms of warranty and service. For more detail, please go to QSAN website: https://www.qsan.com/warranty

7 GETTING TECHNICAL SUPPORT

Please follow the troubleshooting tips in the hardware manual or the software manual to diagnose and resolve common problems during initial setup and configuration. If you are still encountering trouble, please contact QSAN technical support for help using one of the options below.

- Via the Web: https://www.qsan.com/technical_support
- Via Telephone: +886-2-7720-6355 (Service hours: 09:30 - 18:00, Monday - Friday, UTC+8)
- Via Skype Chat, Teams / Skype ID: qsan.support (Service hours: 09:30 - 02:00, Monday - Friday, UTC+8, Summer time : 09:30 - 01:00)
- Via Email: support@qsan.com

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