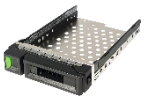
KS2 Quick Installation Guide

1 Before You Begin

Package Contents
A QSAN storage system includes:

System Chassis (x1)		Disk Drive Trays (x4)	Slide Rail Kit (x1)
			
AC Power Cord (x1)	RS-232 Console Cable (x1)	Screw Pack for Disk Drives	10 Gb SFP+ GBIC
			

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

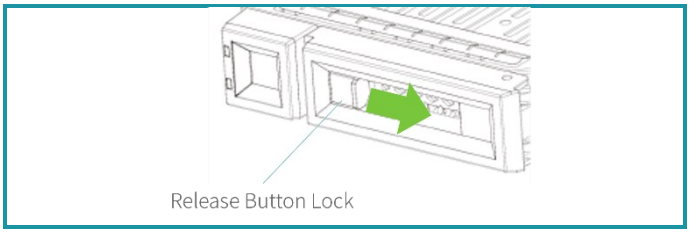
Prepare System Information for Installation
- Admin password
- NTP server address
- Management IP address
- DNS server address

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.

2 Install the Disk Drive Tray

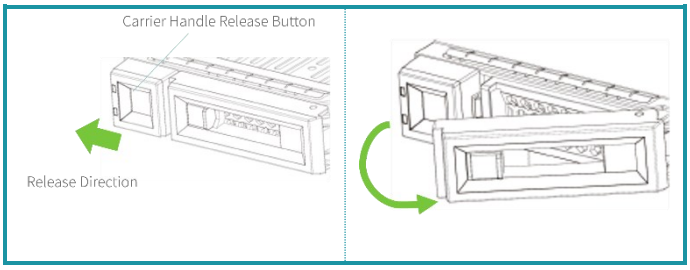
Unlock the Disk Drive Tray

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



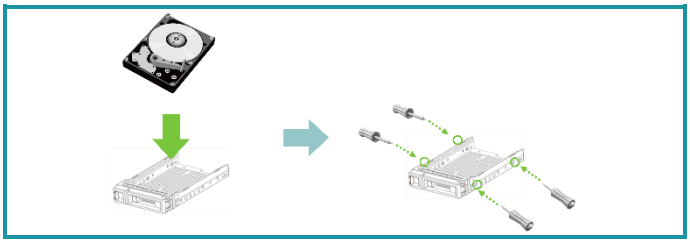
Open the Carrier Handle of a Disk Drive Tray

- The procedure of opening an LFF disk drive tray carrier handle: shift the carrier handle release button from right to left; then carrier handle will automatically pop out.
- Open an SFF disk drive tray carrier handle: shift the carrier handle release button from up to down; then carrier handle will automatically pop out.



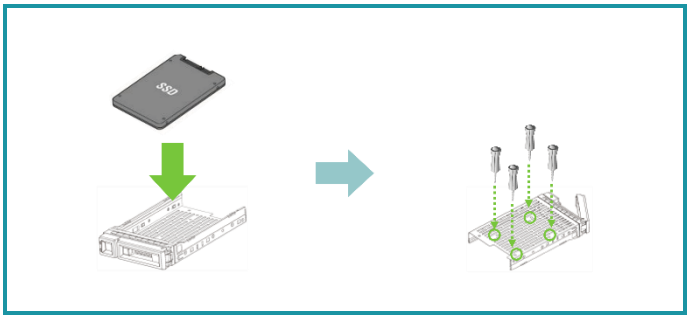
Install a 3.5” Disk Drive into a 3.5” Tray

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



Install an SFF Disk Drive into an LFF Tray

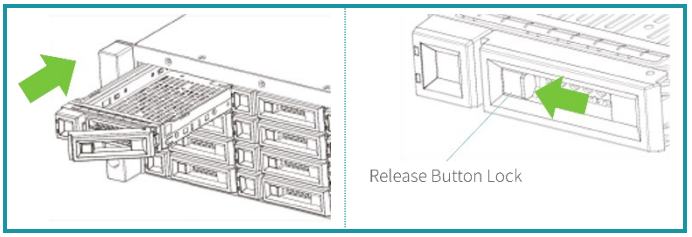
1. Place a disk drive tray onto a stable surface.
2. Align the disk drive to the tray with the connector facing away from the carrier handle.
3. Align the four disk drive tray screw holes (front row at the bottom side of the tray for SAS interface disk drive; a rear row for SATA interface SSD) to the disk drive.
4. Install and tighten all four screws to secure disk drive



Install the Tray with the Disk Drive into the System Chassis

- Users must open the carrier handle of a drive tray before installing it into the empty bay of the system chassis.
- The following is the procedure for installing a disk drive with the tray into the system for both disk drive trays.

1. Align a disk drive with the tray to the empty bay you would like to install and then push it all the way into the disk drive bay until the carrier handle can be closed.
2. Lock the release button lock by pushing the lock from right to left.



3 INSTALL THE M.2 SSD

Please refer to the QSAN XCubeNAS Hardware Manual for detailed instructions.

1. Make sure your system is powered off, then remove the chassis top cover.
2. Insert M.2 SSD in main board M.2 slot.

4 Install the Add on Cards

Please refer to the QSAN XCubeNAS Hardware Manual for detailed instructions.

1. Uninstall add on card dummy bracket.
2. Insert add on card in chassis add on card slot.



5 Install the Rail Kit

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.
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 M5x20 screws to fasten the chassis ear.



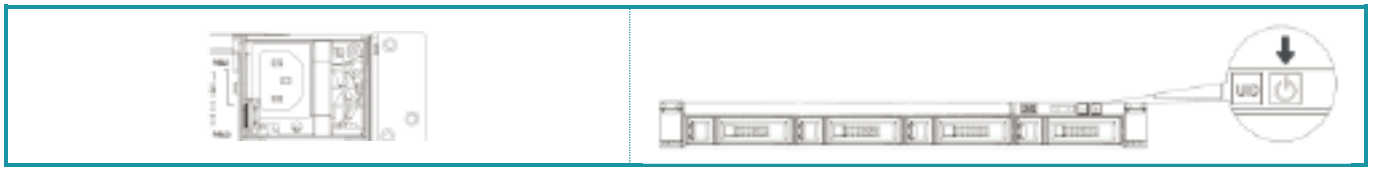
6 Power on the System

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 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 XCubeNAS system by pressing the power button on the front of the system.



7 Discover the System

Discover the System

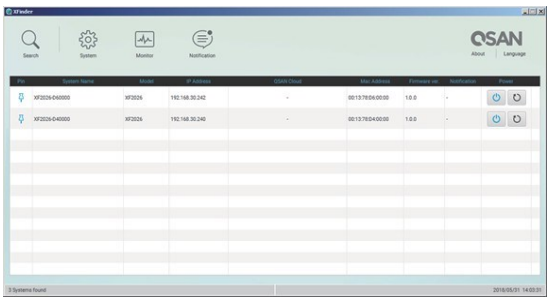
The default setting for the management IP address is DHCP. We provide the XFinder Java utility to search for QSAN products on the network and aid quick access to the login page of the web interface.

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

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



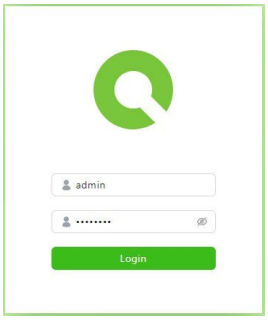
TIP:
If the LAN doesn't have a DHCP server, the management port will be assigned a fixed IP address: 169.254.1.234/16. So you can configure the IP address of your management computer to the same subnet domain of the storage system, e.g.: 169.254.1.1/16. Then open a browser and enter http://169.254.1.234 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 set up 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 bound by the terms of warranty and service. For more detail, please go to QSAN website: https://www.qsan.com/warranty

8 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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October 2025