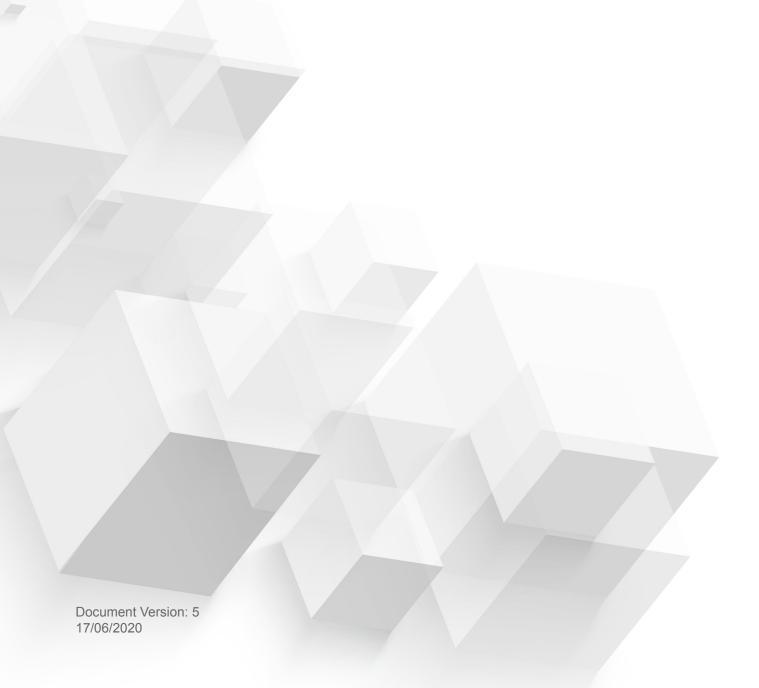


TS-431XeU

User Guide



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1. Preface

About This Guide

This guide provides information on the QNAP TS-431XeU NAS and step-by-step instructions on installing the hardware. It also provides instructions on basic operations and troubleshooting information.

Audience

This document is intended for consumers and storage administrators. This guide assumes that the user has a basic understanding of storage and backup concepts.

Document Conventions

Symbol	Description
	Notes provide default configuration settings and other supplementary information.
1	Important notes provide information on required configuration settings and other critical information.
	Tips provide recommendations or alternative methods of performing tasks or configuring settings.
	Warnings provide information that, when ignored, may result in potential loss, injury, or even death.

2. Product Overview

This chapter provides basic information about the QNAP TS-431XeU NAS.

About TS-431XeU

The TS-431XeU is powered by an Annapurna Labs Alpine AL314 quad-core 1.7 GHz processor and DDR3 RAM. The NAS provides four hot-swappable SATA 6 Gbps drive bays that support both hard disk drives and solid state drives. The TS-431XeU also includes one 10 GbE SFP+ Ethernet port, two gigabit Ethernet ports, and four USB 3.0 ports.

Hardware Specifications



Warning

If your QNAP product has hardware defects, return the product to QNAP or a QNAPauthorized service center for maintenance or replacement. Any attempt to repair or perform maintenance procedures on the product by you or an unauthorized third-party invalidates the warranty.

QNAP is not responsible for any damage or data loss caused by unauthorized modifications and installation of unsupported third-party applications. For details, see the QNAP Warranty Terms and Conditions.

Component	TS-431XeU					
Ordering P/N	TS-431XeU-2G TS-431XeU-8G					
Processor						
CPU	Annapurna Labs Alpine AL-314					
Frequency	4-core 1.7 GHz					
Architecture	ARM 32-bit					
Encryption engine	AES-256					
Memory						
Pre-installed memory	2 GB RAM: 1 x 2 GB SODIMM DDR3	8 GB RAM: 1 x 8 GB SODIMM DDR3				
Memory slots	Important Use only QNAP memory is performance and stability. than one memory slot, use identical specifications. Using unsupported modul performance, cause errors system from starting.	Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Using unsupported modules may degrade performance, cause errors, or prevent the operating				
Maximum memory	8 GB RAM: 1 x 8 GB	8 GB RAM: 1 x 8 GB				
Storage						
Drive bays	4 x 3.5-inch SATA 6 Gbps					
Drive compatibility	2.5-inch SATA hard disk drive	 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid-state drives 				

Component	TS-431XeU		
SSD cache acceleration support	Drive bays 1 to 4		
Hot-swapping	The device supports hot-swapping drives except for SSD cache drives.		
Network			
10 Gigabit Ethernet ports	1 x 10 GbE SFP+		
Gigabit Ethernet ports	2 x GbE RJ45		
External I/O Ports & Expansion Slo	ts		
USB ports	4 x USB 3.0 Type-A		
Interface			
Buttons	Power		
	Reset		
Dimensions			
Form factor	1U Rackmount		
Dimensions (H x W x D)	44 x 439 x 291 mm		
Notweight	1.73 x 17.28 x 11.46 in		
Net weight	4.15 kg (9.15 lbs)		
Others Rail compatibility	RAIL-B02		
Deves a sure also unit	Note Rail kits are not included with the NAS and must be purchased separately. For details, contact an authorized reseller or go to http://shop.qnap.com. Information on rail kit installation can be found in the installation guide included in the rail kit package.		
Power supply unit	100W, 100-240V AC, 50/60Hz, open-frame		
System battery	CR2032 lithium battery (3V, 225 mAh) Warning To avoid potential battery explosion, causing injury or damage to components, ensure that you replace the existing battery with a battery of the same type. Important Dispose of used batteries according to local regulations or the instructions of the battery manufacturer.		
Sound level	20.3 dB		
	Note The sound level was tested at a bystander position, which is within one meter of the NAS. The test NAS operated at low speed with the maximum number of drives installed.		

Component	TS-431XeU	
Fans	System: 3 x 40 mm	
	Warning	
	To avoid potential injury or damage to components, do not touch the fans while the NAS is connected to a power source.	
Operating temperature	0°C to 40°C (32°F to 104°F)	
Relative humidity	 Non-condensing relative humidity: 5% to 95% Wet-bulb temperature: 27°C (80.6°F) 	
Security slot	Kensington security slot	
Maintenance port	1 x 3.5 mm console port	



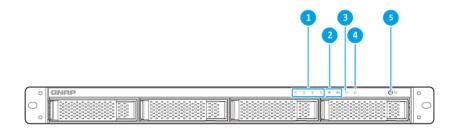
Tip Model specifications are subject to change without prior notice. To see the latest specifications, go to https://www.qnap.com.

Package Contents

Item	Quantity
TS-431XeU NAS	1
Power cord	1
Ethernet cables	2 x Gigabit RJ45
Screws for 3.5-inch drives	16
Screws for 2.5-inch drives	12
Handle kit	2 x handles2 x angle brackets
	• 8 x screws
Quick Installation Guide (QIG)	1

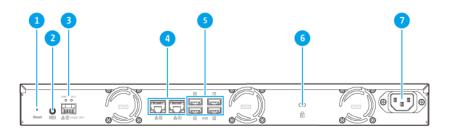
Components

Front Panel



No.	Component	No.	Component
1	Drive LEDs	4	Status LED
2	Gigabit Ethernet LEDs	5	Power button
3	10 Gigabit Ethernet LED	-	-

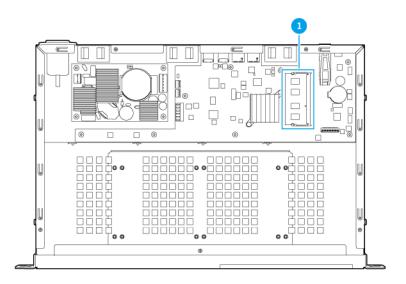
Rear Panel



No.	Component	No.	Component
1	Reset button	5	USB 3.0 Type-A ports
2	Maintenance port	6	Kensington security slot

No.	Component	No.	Component
3	Ethernet port (10 GbE SFP+)	7	Power input
4	Ethernet ports (GbE RJ45)	-	-

System Board

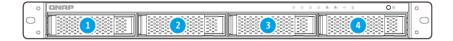




NoteThe image does not include the case cover.

No.	Component	No.	Component
1	Memory slot	-	-

Drive Numbering



Safety Information

The following instructions help ensure personal safety and environmental safety. Read these instructions carefully before performing any operations.

General Instructions

- The NAS should be stored in a secure location with restricted access, controlled through the use of a tool, lock and key, or any means of security.
- Only qualified, skilled, and authorized persons with knowledge of all restrictions, safety precautions, and installation and maintenance procedures should have physical access to the NAS.
- To avoid potential injury or damage to components, ensure that the drives and other internal system components have cooled before touching them.
- Observe electrostatic discharge (ESD) procedures to avoid potential injury or damage to components.

Power

· To reduce the risk of fire or electric shock, ensure that you only connect the power cord to a properly grounded electrical outlet.



Devices with redundant power supply may have one or more power supply unit (PSU) cords. To avoid serious injuries, a trained service technician must disconnect all PSU cords from the device before installing or replacing system components.

System Battery

 To avoid potential battery explosion, causing injury or damage to components, ensure that you replace the existing battery with a battery of the same type.

· Dispose of used batteries properly according to local regulations or the instructions of the battery manufacturer.

Moving Parts



Moving fan blades: Keep your body parts away from moving fan blades while the device is connected to a power source.



Moving components: Keep your body parts away from other moving components.

Installation Requirements

Category	Item
Environment	Room temperature: 0°C to 40°C (32°F to 104°F)
	Non-condensing relative humidity: 5% to 95%
	Wet-bulb temperature: 27°C (80.6°F)
	Flat, anti-static surface without exposure to direct sunlight, liquids, or chemicals
	 Free from objects that may obstruct NAS ventilation or apply pressure to the NAS or power cord
Hardware and peripherals	Storage drives For details on compatible drives, go to https://www.qnap.com/compatibility/. Network cable
	* Network capie
Tools	Phillips #1 or #2 screwdriver
	Anti-static wrist strap

Setting Up the NAS



Important

Read all safety requirements and information in Safety Information carefully before setting up the NAS or installing NAS components.

- 1. Place your NAS device in an environment that meets the requirements. For details, see Installation Requirements.
- 2. Install the NAS on a rack. For details, see the following topics:
 - Rail Kits
 - Installing Handles

- 3. Install the drives.
 - For details, see the following topics:
 - Installing 3.5-inch Hard Drives
 - Installing 2.5-inch Hard Drives or Solid State Drives
- 4. Connect the power cord and all applicable cables.
- **5.** Power on the NAS.
- 6. Install QTS. For details, see QTS Installation.
- 7. Log on to QTS.

3. Installation and Configuration

This chapter provides specific hardware and firmware installation and configuration steps.

Hardware Installation

This section provides information on installing drives, memory modules, handles, and adding expansion units.

Installing Drives

The TS-431XeU is compatible with 3.5-inch and 2.5-inch hard drives, and solid state drives. All four drive bays support SSD cache acceleration.

Installing 3.5-inch Hard Drives



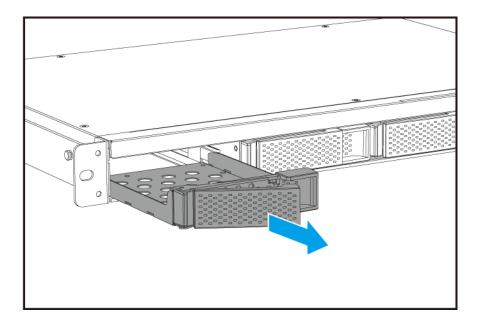
Warning

- · Installing a drive deletes all data on the drive.
- Observe electrostatic discharge (ESD) procedures to avoid damage to components.

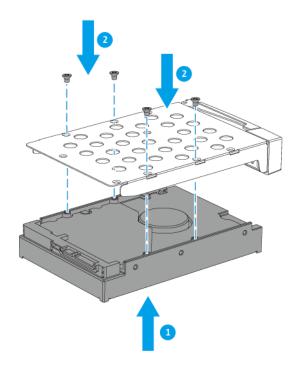
Moving fan blades: Keep your hands and other body parts away from moving fan blades.

Other moving components: Keep your hands and other body parts away from other moving components.

- 1. Power off the NAS.
- 2. Remove the drive tray.
 - **a.** Pull the tray handle outward.
 - b. Pull the tray out.

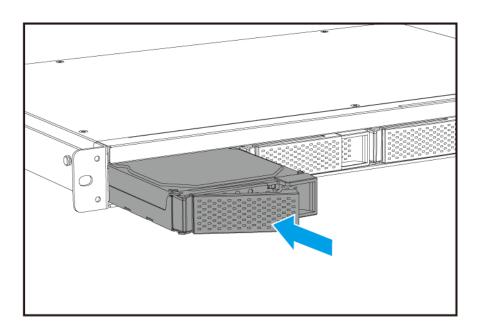


- **3.** Install a drive on the tray.
 - **a.** Place the tray on the drive so that the holes on the tray are aligned with those on the drive.
 - **b.** Attach the screws to lock the drive to the tray.



4. Insert the tray into the bay.

- **a.** Slide the tray into the bay.
- **b.** Push the handle until it is locked into place.



5. Power on the NAS.

Installing 2.5-inch Hard Drives or Solid State Drives



Warning

- · Installing a drive deletes all data on the drive.
- Observe electrostatic discharge (ESD) procedures to avoid damage to components.

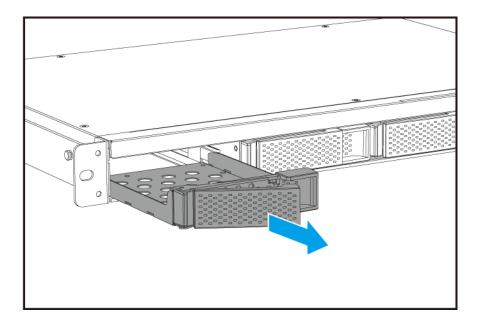


Moving fan blades: Keep your hands and other body parts away from moving fan blades.

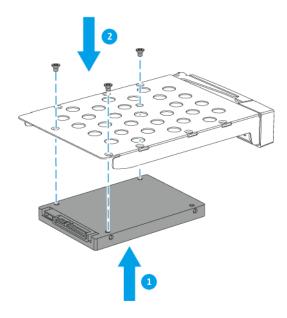


Other moving components: Keep your hands and other body parts away from other moving components.

- 1. Power off the NAS.
- 2. Remove the drive tray.
 - a. Pull the tray handle outward.
 - **b.** Pull the tray out.

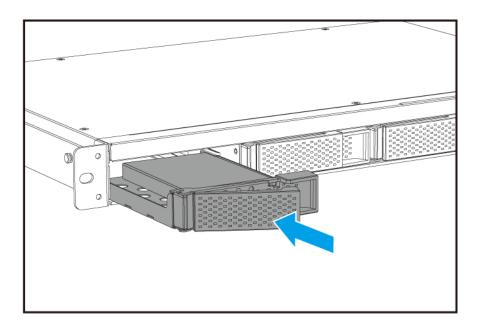


- **3.** Install a drive on the tray.
 - ${f a.}\;\;$ Place the tray on the drive so that the holes on the tray are aligned with those on the drive.
 - **b.** Attach the screws to lock the drive to the tray.



4. Insert the tray into the bay.

- a. Slide the tray into the bay.
- **b.** Push the handle until it is locked into place.



5. Power on the NAS.

Replacing Memory Modules

The NAS has one memory slot. You can increase the memory capacity of the NAS by upgrading the memory module.

Use only QNAP memory modules to maintain system performance and stability. You can purchase QNAP memory modules from authorized resellers.



Warning

- Only qualified personnel should perform the following steps. Failure to follow instructions can result in serious injury or death.
- Observe electrostatic discharge (ESD) procedures to avoid damage to components.



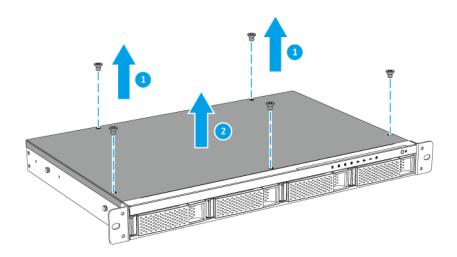
Moving fan blades: Keep your hands and other body parts away from moving fan blades.



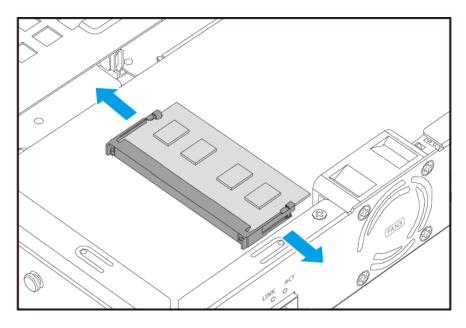
Other moving components: Keep your hands and other body parts away from other moving components.

1. Power off the NAS.

- **2.** Unplug the power cord from the electrical outlet.
- 3. Disconnect all cables and external attachments.
- 4. Remove the case cover.
 - **a.** Remove the screws that secure the case cover to the chassis.
 - **b.** Pull the case cover up until it completely detaches from the chassis.



- **5.** Remove an existing module.
 - **a.** Push the retention clips outward simultaneously to release the module.



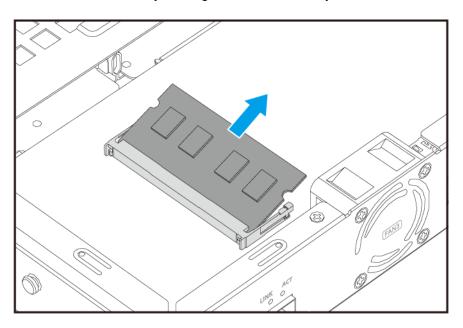
b. Verify that the module has tilted upward and is completely released from the slot.



Warning

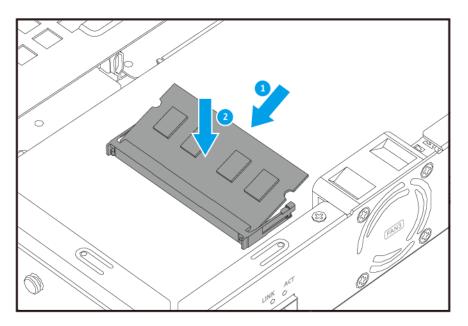
Attempting to remove a module that is not completely released may damage the module and the motherboard.

c. Hold the module by the edges and then carefully slide it out of the slot.



6. Install a new module.

- **a.** Align the notch with the ridge in the slot.
- **b.** Insert the module into the slot.
- **c.** Verify that the metal connectors are completely inserted into the slot.
- **d.** Carefully press down on the module until the retention clips lock the module into place.

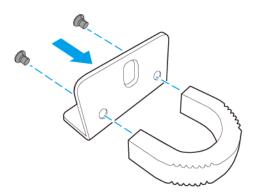


- 7. Attach the case cover.
 - a. Slide the case cover down until it completely connects with the chassis.
 - **b.** Attach the screws that secure the case cover to the chassis.
- 8. Connect all cables and external attachments.
- 9. Power on the NAS.
- 10. Verify that the module is recognized by the NAS.
 - a. Log on to QTS as administrator.
 - b. Go to Control Panel > System > System Status > Hardware Information .
 - c. Check the value for Total memory.

Installing Handles

Installing handles enables you to better grip and further secure the NAS on a rack.

- 1. Power off the NAS.
- 2. Install a handle to an angle bracket.
 - a. Align the openings of the handle with the two round screw holes on the angle bracket.
 - **b.** Attach the screws to lock the handle to the angle bracket.



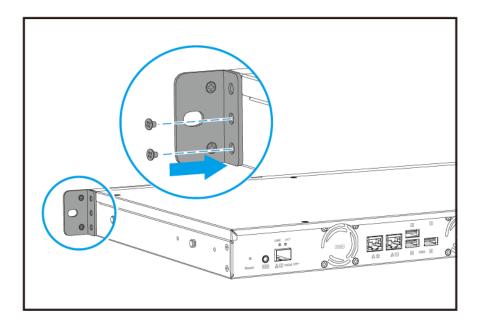
- 3. Install the angle bracket on the NAS.
 - a. Align the holes on the angle bracket with the holes on the left side of the chassis.



Note

Ensure that the handle faces the same direction as the front panel.

b. Attach the screws to lock the angle bracket to the chassis.

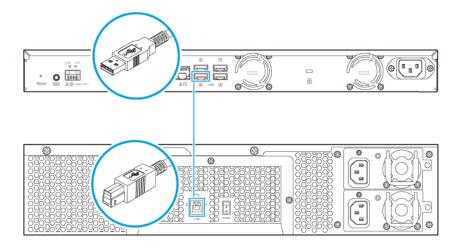


- 4. Install a second handle to the other side of the chassis.
- 5. Power on the NAS.

Adding USB Expansion Units

The TS-431XeU supports connecting to one or two USB expansion units depending on the model. You can use any of the following configurations.

- One UX-1200U-RP unit
- Two UX-800U-RP units
- One UX-1200U-RP unit and one UX-800U-RP unit
- 1. Connect the expansion unit to the NAS.
 - a. Connect the USB cable to the USB 3.0 Type-B port on the expansion unit.
 - **b.** Connect the USB cable to a USB 3.0 Type-A port on the NAS.



- 2. Power on the expansion unit.
- 3. Verify that the expansion unit is recognized by the NAS.
 - a. Log on to QTS as administrator.
 - **b.** Go to Main Menu > Storage Manager > Overview > System .
 - c. Verify that the expansion unit is listed.

Rail Kits

The TS-431XeU is compatible with the following models:

• RAIL-B02

Rail kits are not included with the NAS and must be purchased separately. For details, contact an authorized reseller or go to http://shop.qnap.com.

You can find installation information in the rail kit package.

QTS Installation

TS-431XeU uses the QNAP QTS operating system. You can install QTS using any of the following methods.

Method	Description	Requirements
Qfinder Pro installation (Recommended)	If the NAS is connected to your local area network, you can do the following: • Locate the NAS using Qfinder Pro. • Complete the steps in the Smart Installation Guide wizard. For details, see Installing QTS Using Qfinder Pro.	ComputerNetwork cableQfinder Pro installer

Method	Description	Requirements
Cloud installation	If the NAS is connected to the internet, you can do the following: • Scan the QR code on the NAS. • Specify the Cloud Key. • Log into your myQNAPcloud account. • Complete the steps in the Smart Installation Guide wizard. For details, see Installing QTS Using the Cloud Key.	 Computer or mobile device Network cable myQNAPcloud account CloudKey

Installing QTS Using Qfinder Pro



Warning

Installing QTS deletes all data on the drives. Back up your data before proceeding.

- **1.** Power on the NAS.
- 2. Connect the NAS to your local area network.
- 3. Run Qfinder Pro on a computer that is connected to the same local area network.



To download Qfinder Pro, go to https://www.gnap.com/utilities.

- 4. Locate the NAS in the list and then double-click the name or IP address.
- 5. Perform any of the following actions.
 - · To check for the latest available version, click Start. The wizard downloads the latest available version, and then the NAS restarts after the download is complete. If a newer version is not available, the wizard automatically displays the Smart Installation Guide.
 - To install the out-of-the-box version, click Skip.
- 6. Click Start Smart Installation Guide.
- **7.** Specify the following information.
 - NAS name: Specify a name with 1 to 14 characters. The name supports letters (A to Z, a to z), numbers (0 to 9), and hyphens (-), but cannot end with a hyphen.
 - Password: Specify an administrator password with 1 to 64 characters. The password supports all ASCII characters.
- 8. Click Next.
- 9. Specify the time zone, date, and time.



QNAP recommends connecting to an NTP server to ensure that the NAS follows the Coordinated Universal Time (UTC) standard.

- 10. Click Next.
- 11. Select Obtain an IP address automatically (DHCP).
- 12. Click Next.
- 13. Select the types of devices that you will use to access shared folders on the NAS.
- 14. Click Next.
- 15. Review the settings.
- 16. Click Apply.

A confirmation message appears.



Clicking Confirm deletes all data on the drive before installing QTS.

17. Click Confirm.

QTS is installed.

Installing QTS Using the Cloud Key



Installing QTS deletes all data on the drives. Back up your data before proceeding.

- 1. Power on the NAS.
- 2. Connect the NAS to the internet.
- **3.** Go to the QNAP Cloud Installation page using one of the following methods:
 - On your computer, go to http://install.gnap.com/.
 - · Scan the QR code on the NAS using a mobile device.

The web page lists all the uninitialized QNAP NAS devices on the local network.

4. Find your NAS from the list and then click Initialize.



If your NAS is not listed, follow the instructions on the web page to specify the Cloud Key on the

The installation wizard opens in the default web browser.

5. Create an account or sign in to myQNAPcloud.



Note

You must return to this page to complete the installation after creating an account.

6. Specify the myQNAPcloud device name for the NAS.



Note

• The myQNAPcloud device name is used when remotely accessing the NAS.

· For security purposes, the CloudLink remote connection service will be disabled on your NAS after initialization. You can enable it by connecting to QTS through LAN and then installing CloudLink.

7. Click Next.

- 8. Perform any of the following actions.
 - · To check for the latest available version, click Start. The wizard downloads the latest available version, and then the NAS restarts after the download is complete. If a newer version is not available, the wizard automatically displays the Smart Installation Guide.
 - · To install the out-of-the-box version, click Skip.
- 9. Click Start Smart Installation Guide.
- **10.** Specify the following information.
 - NAS name: Specify a name with 1 to 14 characters. The name supports letters (A to Z, a to z), numbers (0 to 9), and hyphens (-), but cannot end with a hyphen.
 - Password: Specify an administrator password with 1 to 64 characters. The password supports all ASCII characters.
- 11. Click Next.
- 12. Specify the time zone, date, and time.



Tip

QNAP recommends connecting to an NTP server to ensure that the NAS follows the Coordinated Universal Time (UTC) standard.

- 13. Click Next.
- 14. Select Obtain an IP address automatically (DHCP).
- 15. Click Next.
- **16.** Select the types of devices that you will use to access shared folders on the NAS.
- 17. Click Next.
- **18.** Review the settings.
- 19. Click Apply.

A confirmation message appears.



Clicking Confirm deletes all data on the drive before installing QTS.

20. Click Confirm.

QTS is installed.

4. Basic Operations

This chapter describes basic NAS operations.

Power Button

Operation	User Action	Result		
Power on	Press the button once.	The NAS powers on.		
Power off	Press and hold the button for 1.5 seconds.	The NAS powers off.		
Force power off	Press and hold the button for 5 seconds.	The NAS shuts down.		
		Important Use this method only when the NAS is unresponsive.		

Reset Button

Operation	User Action	Result
Basic system reset	Press and hold the button for 3 seconds.	The following settings are reset to default:
	button for 5 seconds.	System administrator password: admin
		TCP/IP configuration:
		Obtain IP address settings automatically via DHCP
		Disable jumbo frames
		 If port trunking is enabled (multi-LAN models only), the port trunking mode is reset to "Active Backup (Failover)".
		System port: 8080 (system service port)
		Security level: Low (Allow all connections)
		LCD panel password: (blank)
		VLAN: Disabled
Advanced system reset	Press and hold the button for 15 seconds.	The default factory settings are restored.
		 To retrieve old data after an advanced system reset, recreate the previous folder structure on the NAS.

LEDs

LEDs indicate system status and related information when the NAS is powered on. The following LED information applies only when the drive is correctly installed and when the NAS is connected to the network.

For details on the location of the LEDs, see Components.

LED	Status	Description
Status	Flashes green and red	A drive on the NAS is being formatted.
	alternately 2 times per second	The NAS is being initialized.
		The operating system is being updated.
		RAID rebuild is in process.
		Online RAID Capacity Expansion is in process.
		Online RAID Level Migration is in process.
	Green	The NAS is ready.
	Flashes green 2 times per second	The NAS is not configured.
		A drive on the NAS is not formatted.
	Red	The drive is invalid.
		A disk volume has reached its full capacity.
		A disk volume is about to reach its full capacity.
		The system fan is not functioning.
		An error occurred when accessing (read/write) the data.
		A bad sector is detected on a drive.
		 The NAS is in degraded read-only mode (two member drives failed in RAID 5 or RAID 6 but the data can still be read).
		Hardware self-test error.
	Flashes Red 2 times per second	The NAS is in degraded mode (one member drive failed in RAID 1, RAID 5, or RAID 6).
	Flashes Red once	The NAS has received a command from a remote control.
	Flashes Amber	The NAS is in sleep mode (S3).
	Off	All drives are in standby mode.
Gigabit LAN	Amber	The NAS is connected to a network.
(Front)	Flashes amber	The NAS is being accessed from the network.
	Off	The NAS is not connected to a network.
Gigabit LAN	Left Green	The Ethernet port is connected to a 1 gigabit network.
(Rear)	Left Amber	The Ethernet port is connect to a 100 megabit network.
	Left Off	The NAS is not connected to a network.
	Right Green	The Ethernet port is connected to a network.
	Right flashes Green	The NAS is being accessed on this Ethernet port.
	Right Off	The Ethernet port is not connected to a network.
10 gigabit LAN	Green	The NAS is connected to a 10 gigabit network.
(Front)	Flashes Green	The NAS is being accessed on a 10 gigabit network.
	Off	The NAS is not connected to a 10 gigabit network.

LED	Status	Description	
10 Gigabit LAN	Left Green	The Ethernet port is connected to a 10 gigabit network.	
(Rear)	Left off	The Ethernet port is not connected to a 10 gigabit network.	
	Right Amber	The Ethernet port is connected to a network.	
	Right flashes Amber	Data is being transmitted on this Ethernet port.	
	Right off	The Ethernet port is not connected to a network.	
Drive	Green	The drive is ready.	
	Flashes Green	The drive is being accessed.	
	Red	The drive has encountered an error.	
	Flashes Red 5 times per second	The drive is being located in the operating system.	
	Off	No drive is detected.	

Audio Alert

Duration	Frequency	Description
Short beep (0.5 seconds)	1	The NAS is starting up.
		The NAS is shutting down (software shutdown).
		The user pressed the Reset button.
		The operating system was updated.
	3	The user tried to copy the NAS data to the external storage device from the front USB port, but the data cannot be copied.
Long beep (1.5 seconds)	3 (every 5 minutes)	The system fan is not functioning.
	2	The disk volume is about to reach its full capacity.
		The disk volume has reached its full capacity.
		The drives are in degraded mode.
		The user started the drive rebuilding process.
		A drive is plugged in or out.
	1	The NAS was powered off by force shutdown (hardware shutdown).
		The NAS was powered on successfully and is ready.

5. Troubleshooting

This chapter describes basic troubleshooting information.

Forcing Qfinder Pro or myQNAPcloud to Locate the NAS

If Qfinder Pro or myQNAPcloud is unable to locate the NAS during QTS installation, the drives or data may be faulty.

- 1. Power off the NAS.
- 2. Remove all drives.
- 3. Power on the NAS.
- 4. Locate the NAS using Qfinder Pro or myQNAPcloud.
- 5. Reinsert the drives.
- 6. Continue with the QTS installation.

Hot-swapping Failed Drives

The NAS supports hot-swapping of drives in the following situations:

- · RAID 1: One member drive fails
- RAID 5: One member drive fails
- · RAID 6: One or two member drives fail
- 1. Log on to QTS.
- 2. Go to Main Menu > Storage Manager > Storage > Disks/VJBOD.
- 3. Locate the failed drive.
- 4. Prepare a new hard drive with a capacity that is the same as or larger than the failed hard drive.
- **5.** Remove the failed drive from the NAS.
- 6. Wait for 20 seconds or until the NAS beeps twice.
- 7. Remove the failed drive from the drive tray.
- **8.** Insert the new drive into the drive tray.
- **9.** Install the new drive. The NAS beeps twice.
- 10. Go to Main Menu > Storage Manager > Storage Space.
- 11. Locate the volume that contains the new drive and then verify that the status is Rebuilding.

Recovering Unintentionally Removed Healthy Drives

The NAS supports exclusive RAID recovery technology to recover failed RAID disk volumes from unintentional disconnection or removal of drives. Users can recover an inactive RAID 1, RAID 5, or RAID 6 volume to degraded mode, or an inactive RAID 0 and JBOD configuration to normal.

Disk Volume	RAID Recovery Support	Maximum Number of Removed Drives
Single	No	N/A
JBOD	Yes	1
RAID 0	Yes	1
RAID 1	Yes	1
RAID 5	Yes	2
RAID 6	Yes	3
RAID 10	No	N/A

Support and Other Resources

QNAP provides the following resources:

Resource	URL
Documentation	http://docs.qnap.com
Helpdesk	http://helpdesk.qnap.com
Downloads	http://download.qnap.com
Community Forum	http://forum.qnap.com

6. Glossary

CloudKey

Unique 8-digit code assigned to each NAS device

CloudLink

Enables you to access the NAS over the internet without configuring complex port forwarding settings

myQNAPcloud

Provides various remote access services such as DDNS and CloudLink

myQNAPcloud ID

Email address that was used to register for a myQNAPcloud account

Qfinder Pro

Enables you to locate and access the QNAP NAS devices in your local area network

QTS

QNAP NAS operating system

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SJ/T 11364-2006



本产品符合中国 RoHS 标准。以下表格标示此产品中某有毒物质的含量符合中国 RoHS 标准规定的限量要求。

本产品上会附有"环境友好使用期限"的标签,此期限是估算这些物质"不会有泄漏或突变"的年限。本产品可能包含有较短的环境友好使用期限的可替换元件,像是电池或灯管,这些元件将会单独标示出来。

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (CR(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
売体	0	0	0	0	0	0
显示	0	0	0	0	0	0
印刷电路板	0	0	0	0	0	0
金属螺帽	0	0	0	0	0	0
电缆组装	0	0	0	0	0	0
风扇组装	0	0	0	0	0	0
电力供应组装	0	0	0	0	0	0
电池	0	0	0	0	0	0

O:表示该有毒有害物质在该部件所有物质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。