

Warning

- Only qualified service personnel should install and service this product.
- Observe all ESD procedures during installation.



Refer to the Unpacking List for the exact amount of items included in the package.
EonNAS 3000 series with dual controllers or single controller systems capable of upgrading to dual controller systems can ONLY use SAS hard drives!

1 Getting Started

Unpack the equipment and make sure the following tools are available before installation.

1-1. Accessory box content

- Screws: M5, M6, #10-32, #6-32
- Cables: Power cord x 2

1-3. Further reading

EonNAS 3000 Series:
• For more details, please refer to the manuals (on the CD-ROM) that came with the system.

1-2. User-provided tools

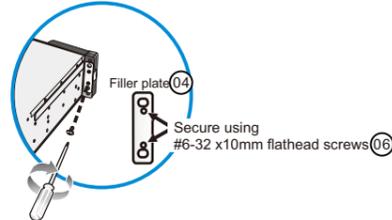
- Phillips screwdriver (mid-size)
- Flat blade screwdriver (small-size)
- Anti-static wrist wrap
- A Windows OS computer
- At least two / four (for dual controller systems) identical SAS / SATA HDDs

1-4. Optional accessories

- Solid state disk (SSD)
- SSD Dedicated tray

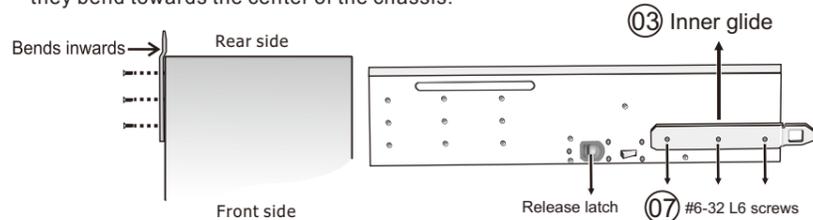
2-4. Attaching the filler plates

Attach the filler plates to the back on both sides of the enclosure.



2-5. Attaching the inner glides to the chassis

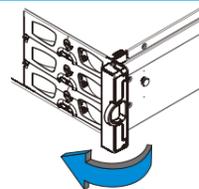
Attach the inner glides to the side of the chassis. Orientate the inner glides so that they bend towards the center of the chassis.



2-6. Attaching the chassis to the rack

Note Do NOT install any hard drives / rear panel modules before inserting the chassis to the rack.

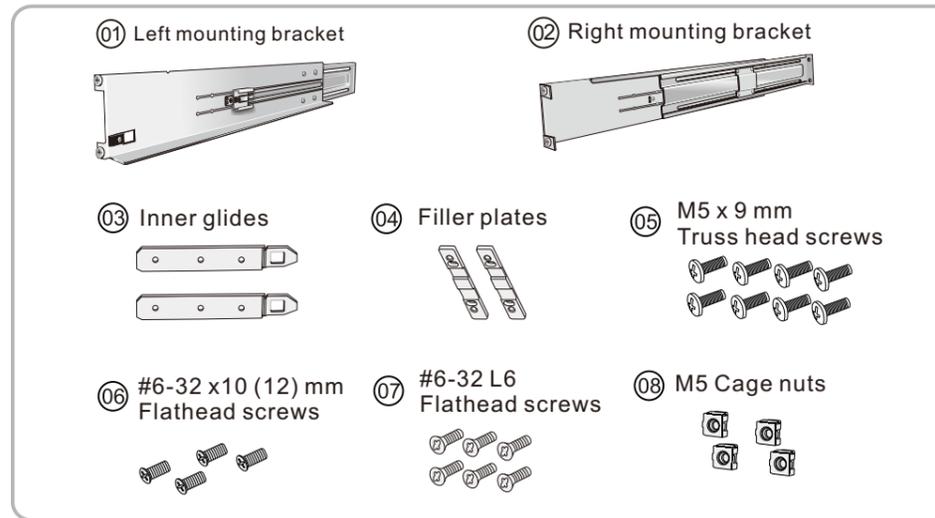
1. Insert the chassis into the rack. Due to the weight, two people might be required.
2. Flip open the plastic cap on the chassis ears to access the front mounting holes.
3. Fasten the M5, M6, or #10-32 screws to secure the chassis to the rack.



2 Rack-mounting

Rack-mounting kit

Item	Description	Quantity
01	Mounting bracket assembly, L-shape, left-side	1
02	Mounting bracket assembly, L-shape, right-side	1
03	Inner glides	2
04	Filler plates (part of Accessory box content)	2
05	Truss head screws M5 x 9.0mm	8
06	#6-32 x 10 (12) mm flathead screws	4
07	#6-32 L6 flathead screws	6
08	M5 cage nuts	4



3 Installing HDD and Tray

Warning Hard drive data will be erased during initialization procedure, please backup all data!

3-1. Hard disk drive configuration

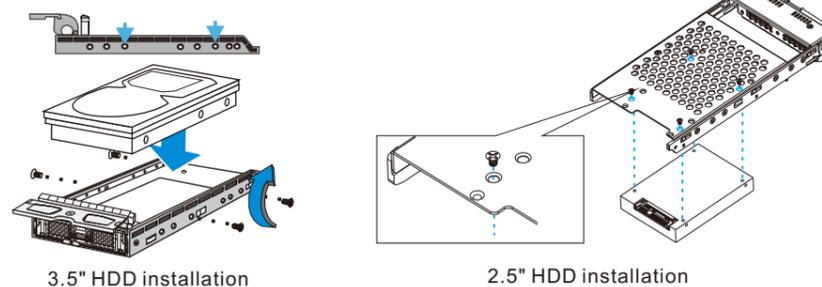
For initialization, install at least two same-specification HDDs into slots 1 & 2 or four same-specification HDDs into slots 1, 2, 3 & 4 for dual controller systems. Other slots are for storage-use using SATA / SAS HDDs or users can install SSDs as read / write cache. When installing SSDs, it is recommended to install SSDs in numeric order into the remaining slots.

Slot 1	Slot 2	Slot 3	Slot 4
Slot 5	Slot 6	Slot 7	Slot 8
Slot 9	Slot 10	Slot 11	Slot 12
Slot 13	Slot 14	Slot 15	Slot 16

3-2. HDDs trays

Press the release button to open up the tray bezel and gently pull out the HDD tray out of the enclosure.

3-3. Securing the HDD

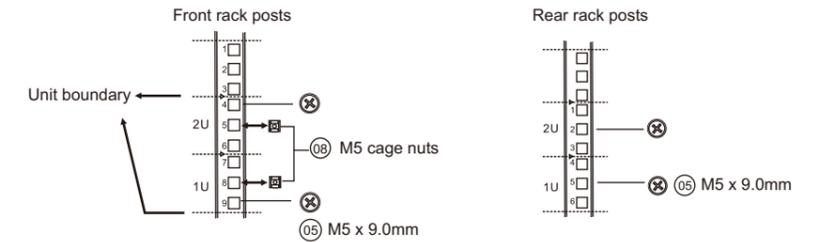


3-4. Inserting the trays to the enclosure

1. With the tray bezel open, insert the HDD tray into the enclosure.
2. Users must install all empty HDD trays into unused drive bays to ensure regulated air flow.
3. Close the drive bezels and turn the bezel locks to secure the trays.

2-1. Determining the rail locations

1. Measure and determine where in the rack the enclosure is going to be installed.
2. Attach the cage nuts to the rack posts if you have unthreaded holes on the rack.



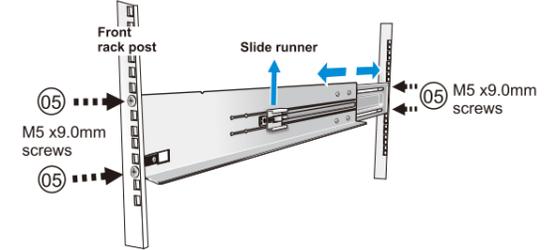
2-2. Adjusting the rail length

1. Loosen the four retention screws.
2. Adjust the mounting bracket length to install it between rack posts.



2-3. Attaching the rails to the rack posts

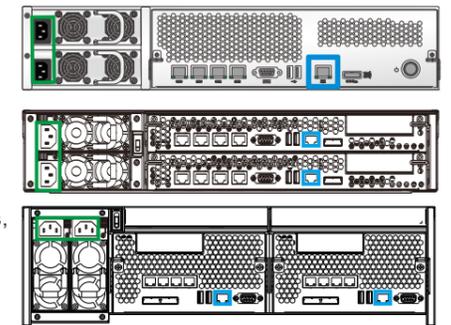
1. Secure the mounting brackets to the rack posts with M5 screws.
2. Fasten the four retention screws.



4 Making Connections and Powering-on

4-1. Making connections

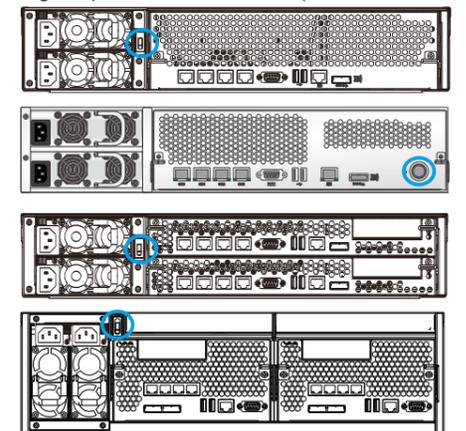
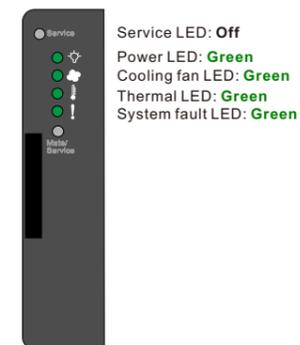
1. Connect to the Ethernet management port (in blue) for host PC access.
2. Insert power cords into the PSU power sockets (in green).
3. Should users want to connect to JBOD expansion enclosures, please refer to the hardware manual (on the CD-ROM) that came with the system.



Note For power source redundancy, please make sure that the two PSUs are plugged into two different power sources (ie. to different circuit breakers).

4-2. Powering on

1. Power up network devices such as PCs and network switches.
2. If JBODs are connected, power up JBODs.
3. Power up EonNAS system using the power button / switch (indicated in blue).



5. Locating Your EonNAS

Warning *Hard drive data will be erased!*

5-1. Turning off Windows firewall:

To turn off Windows firewall, please refer to the instructions below.

Windows 8 / 7 / Vista:

Click on the Start button > Control Panel > Security > Windows Firewall > turn off Firewall. You may be prompted for an administrator password or confirmation, type the password or click OK to confirm.

Windows XP:

Click on the Start button > Control Panel > Windows Firewall > turn off Firewall.

5-2. Approximately 5 minutes after pressing the power button (if the user is near the system, a beep will sound after 2 minutes and two beeps will sound 3 minutes thereafter) double click on EonOne.exe found in the "fscommand" folder on the CD.

5-3. Select your preferred language.



5-4. Wait for your EonNAS system to appear in the List.

Name	Model	IP Address
NAS_3016	EonNAS 3016	10.0.0.2

5-5. Highlight your EonNAS device and proceed to the next step.

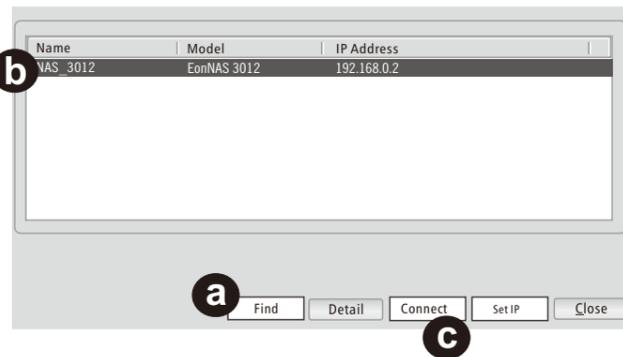
Note *If no EonNAS device was found*

- Make sure your PC and EonNAS are connected to the same switch / router.
- Turn off the antivirus' firewall (please refer to its manual) then close EonOne and start from step 5-2 again.
- If you are still unable to detect your EonNAS system, please refer to the setup instructions in the User Manual on the CD.

5-6. When the "Set IP" button lights up, click on it and EonOne will automatically assign an IP address for your EonNAS. Wait for an IP settings window to appear. You may be prompted for a password. If so, please enter "admin" and click OK.

5-7. Wait for 5 seconds and

- Click the "Find" button on your EonOne.
- Highlight the EonNAS system that matches the IP address set previously.
- Click the "Connect" button.



Note *Default management port address: 10.0.0.2 (Controller A) / 10.0.0.3 (Controller B)*
Default username: admin Default password: admin

6. Configuring Your EonNAS

Note *For dual controller systems, additional settings may appear for Controller B. You may enter Controller B's settings during "6. Configuring Your EonNAS" or choose to enter them after the system has been initialized using Controller A.*

6-1. Configure System Settings

Host Name: Enter a unique name for your EonNAS system
Timezone: Select your local timezone.
Password: Enter a new password for the admin account (default password: admin).

6-2. Configure the Network Interface

Unless you want to change the IP address, leave the current settings and click the Next button. Interfaces may vary depending on your system.

Interface	IP Address	Netmask	Gateway	Link
LAN1	<input type="radio"/> DHCP <input checked="" type="radio"/> 192.168.0.2	255.255.255.0		●
LAN2	<input type="radio"/> DHCP <input checked="" type="radio"/> 10.0.0.3	255.255.255.0		●

6-3. Create a Storage Pool

Enter pool name, select a RAID configuration and click the Next button. Redundant systems have Controller A and B pool creation options. If Controller A is set to:

- (1) Configure storage after initialization > This selection will also apply to Controller B.
- (2) Create a storage pool > Controller B can choose to or not to create pool at this stage.

6-4. Add Users

Add at least one user account for accessing the new storage pool and click the Next button. (The default user account is username: guest, password: guest.)

Name	Password	Confirm Password	Home Directory
guest	●●●●●●	●●●●●●	<input checked="" type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

6-5. Share

Change the default shared folder settings or add a new folder and click the Next button.

Folder	Access Rights
Share	<input checked="" type="radio"/> Full Control <input type="radio"/> Read Only
	<input checked="" type="radio"/> Full Control <input type="radio"/> Read Only
	<input checked="" type="radio"/> Full Control <input type="radio"/> Read Only

6-6. Summary

Check the configuration summary. Click Back to modify the parameters or Apply to complete the initialization process. Press OK to initialize or reboot when prompted! Upon reboot, a beep will sound to indicate successful startup and when you hear two beeps, you may log into and use your EonNAS system (process takes approximately 10 minutes).

Note *Remember to turn back on your Windows and antivirus' firewall. Setting can be found in the same location as the turn-off option.*

7. Using the Web Interface

7-1. Refresh the existing browser or open a new browser and enter the IP address of your EonNAS system.

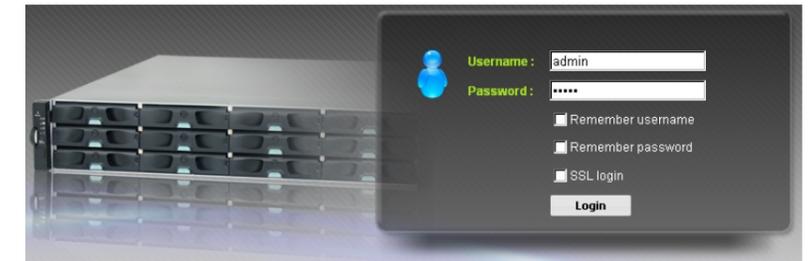


7-2. Select the preferred language.



7-3. Enter the administrator login account and click Login.

Username: admin
 Password: password set during "6. Configuring Your EonNAS" (default: admin)

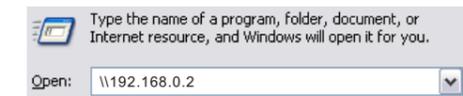


For troubleshooting, advance settings or other initialization methods, please refer to the documents on the CD-ROM.

Miscellaneous

Note *The web interface provides file upload and download functions. Should the user want to access upload and download functions using the Windows File Manager, please refer to the following procedure.*

Press both the Windows key and r key (Windows + r) to bring up the Run Command interface. Enter "\\IP address" (of your EonNAS system) and click OK.



Enter the user account information that was created during "6. Configuring Your EonNAS" and click OK. Here the default Guest user is used as an example.

You should be able to access shared folders in your EonNAS system. Copy and paste data to and from your EonNAS as if you were using Windows File Manager.

