

WARNING!

- Only qualified service personnel should install and service this product to avoid injury.
- Observe all ESD procedures during installation to avoid damaging the equipment.

1 Preparing the tools

Unpack the equipment and ensure that the following tools are available before installation.

NOTE: Refer to the **Unpacking List** for the exact number of items bundled in the package.

1.1 User-provided tools

- Phillips screwdriver (medium size)
- Anti-static wrist wrap
- Flat blade screwdriver (small size)
- Host link cables

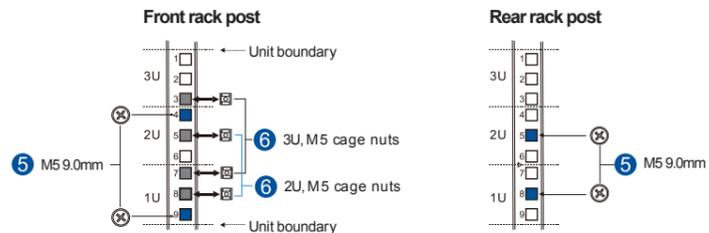
2 Installing the slide rail kit

2.1 Checking the contents of the slide rail kit

- | | | |
|--|--|--|
| 1  | 4  | 7  |
| 1 x Mounting bracket assembly, left side | 6 x No. 6-32 L4 Flathead screws | 4 x M5 25mm screws |
| 2  | 5  | 8  |
| 1 x Mounting bracket assembly, right side | 8 x M5 9.0mm Truss head screws | 4 x M6 25mm screws |
| 3  | 6  | 9  |
| 2 x Inner glides | 4 x M5 cage nuts | 4 x No. 10-32 25.4mm screws |

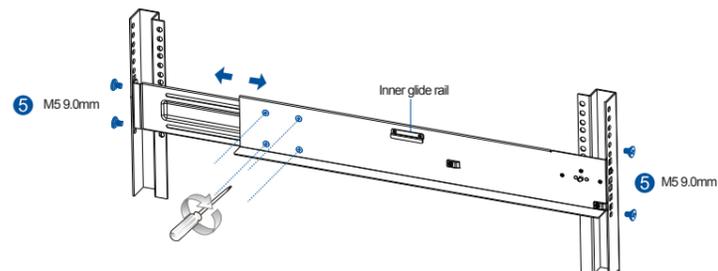
2.2 Assembling the slide rail kit

- Determine the position where the enclosure will be installed to the front and rear rack posts, then insert the cage nuts into the designated holes of the front rack posts.

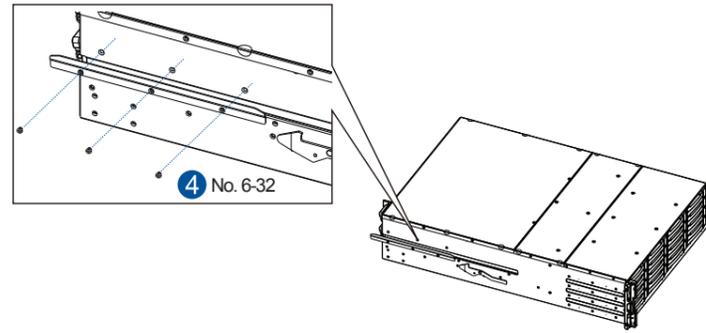


NOTE: If the rack does not require M5 cage nuts and has its own screw threads, use the M6 or No. 10-32 screws on the front posts.

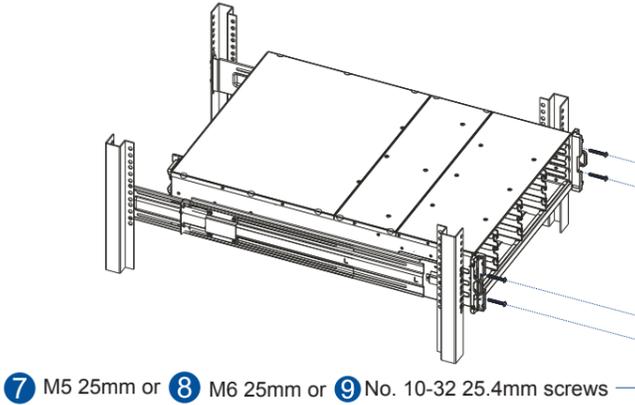
- Loosen the four screws on the slide rail to adjust the length. After the length adjustment, secure the slide rails to the front and rear posts with the truss head screws. Tighten the four screws on the slide rail to fix the length.



- Attach the inner glides to both sides of the enclosure using the flathead screws no. 6-32.



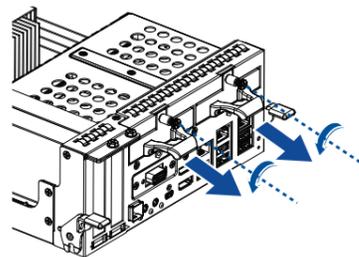
- With the assistance of another person, lift and insert the enclosure onto the slide rail. Ensure that the inner glides on both sides of the enclosure meet the inner glide rail. Flip open the side covers by the handles. Secure the enclosure using the M5, M6, or no. 10-32 screws from the front.



3 Installing the system drive

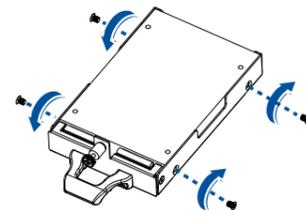
There are two 2.5-inch system drive slots at the rear panel of the system. If you purchased the system with the hard drive(s), they should have been assembled together. If not, you must install them following these steps:

- Loosen the screw. Gently pull out the drive tray from the enclosure.

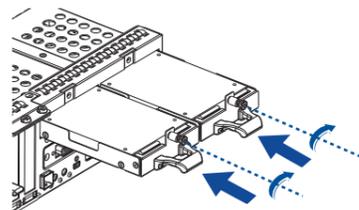


IMPORTANT! Use the left drive slot when you install only one system hard drive.

- Orient the hard drive to the tray with the interface connectors facing the open side of the tray and the label is facing up. Secure the drive to the correct holes of the tray using the four bundled screws.



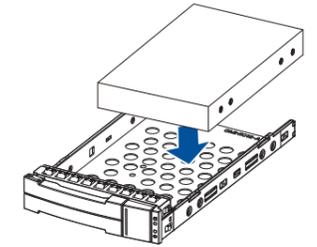
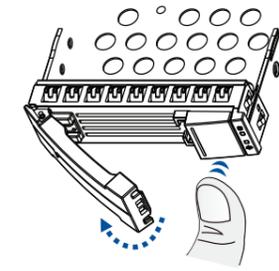
- Insert the assembled drive and tray into the enclosure. Tighten the screws.



4 Installing the hard drives

IMPORTANT! Ensure to install the chassis to the rack before installing the hard drives into the chassis.

- Press the release button to open the spring handle.
- Orient the hard drive to the tray with the interface connectors facing the open side of the tray and the label is facing up.



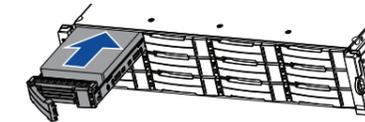
- Secure the drive to the correct holes of the tray using the four bundled screws.

Screw holes of 3.5-inch SAS and SATA HDD



- HDD with MUX board (not applicable for single controller systems)
- HDD without MUX board

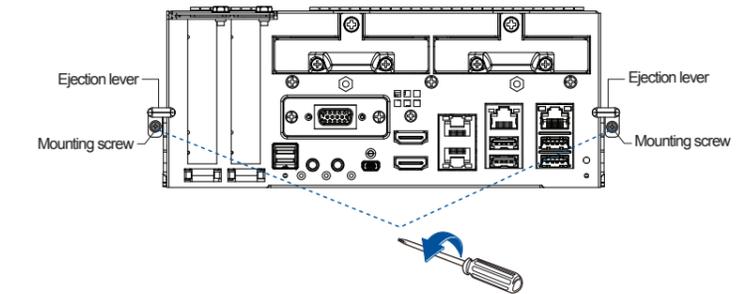
- Insert the assembled hard drive and tray to the enclosure with the spring handle open, then close the spring handle when the drive is fully inserted to the bay.



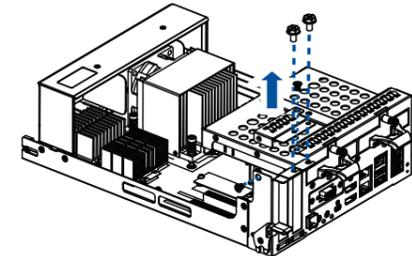
5 Installing a PCIe card (optional)

IMPORTANT! Confirm with your support personnel about PCIe card qualification before purchase/installation.

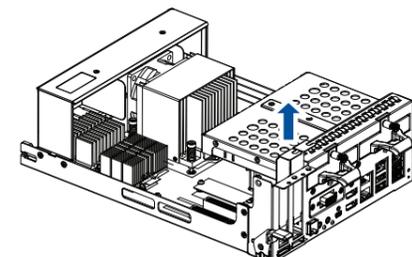
- Remove the mounting screws. Push down the ejection levers to dislodge the controller from the enclosure.



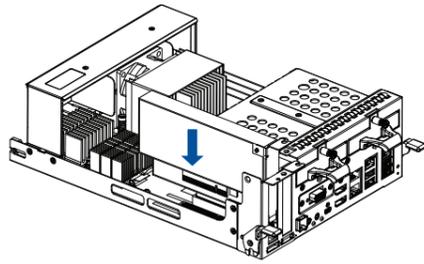
- Loosen the screws and remove the cover.



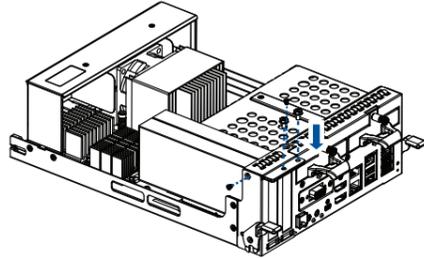
- Remove the dummy bracket.



4. Install PCIE.



5. Place the cover back and tighten the screws.



6. Reinstall the controller back to the enclosure and tighten the screws.

6 Connections

6.1 Setting up the JBOD expansions

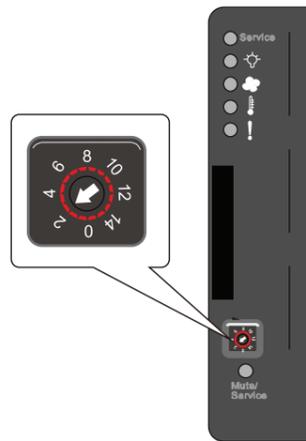
To set up the expansion enclosure ID:

1. Locate the rotary ID switch on the JBOD's front panel.
2. Use a small flat-blade screwdriver to set a unique ID on the JBOD expansion system.

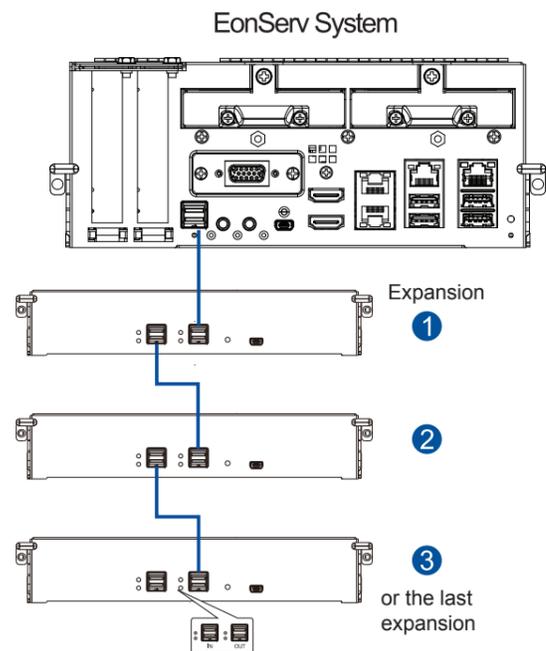
IMPORTANT!

- OUT to OUT and IN to IN JBOD connections are not supported.

NOTE: EonServ is assigned with 0 by default.



6.2 Connecting JBOD expansions



7 Installing the operating system

Before you install the operating system, on EonServ, you must set the BIOS to boot from the desired device. To do this, follow the instructions below:

1. Turn on your system, then press **F2** to enter BIOS.
2. Go to **Boot** tab, then select **OS installation USB device** as your first boot option.

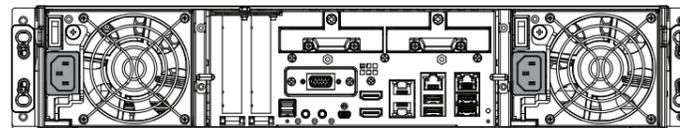
NOTE: If you wish to set up RAID configuration for your system drives, follow the instructions stated below. If not, proceed to step 3.

- a. Go to **Advanced > SATA configuration**.
 - b. Go to **SATA Mode Selection > RAID**.
 - c. Press **F4** to save and exit the BIOS and reboot the system.
 - d. From **Intel Rapid Storage Technology** boot screen, press the keys **CTRL + I**.
 - e. Use the arrow keys and select **1** to create a RAID volume.
 - f. Once the RAID volume is created, press **ESC** to exit BIOS and reboot the system.
3. Complete the OS installation. Refer to the operating system installation guide for the complete details.
 4. Upon reboot, press **F2** to enter BIOS again and set the system drive as the first boot device.

8 Power up

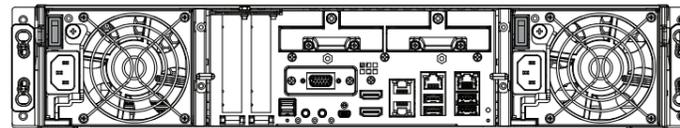
8.1 Powering up the system

1. Connect the bundled power cords to the power sockets of the system.



2. Turn on the networking devices and the expansion systems.

3. Turn on EV 5000 Gen2 system by switching on the power switches on the rear panel and the power button on the front panel.

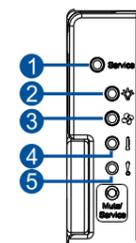


4. Turn on the application servers.

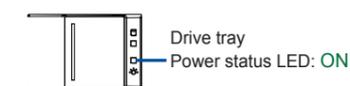
8.2 Verifying the status LEDs

Observe the LEDs located at the front and rear panels of the enclosure. If the LEDs show different status than what is described below, or if you hear an audible alarm, contact the customer support.

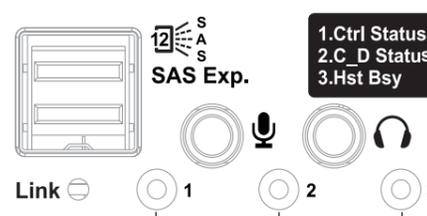
Front panel



Item	Description
1	Service: OFF
2	Power: ON
3	Cooling fan: ON
4	Thermal: ON
5	System: ON

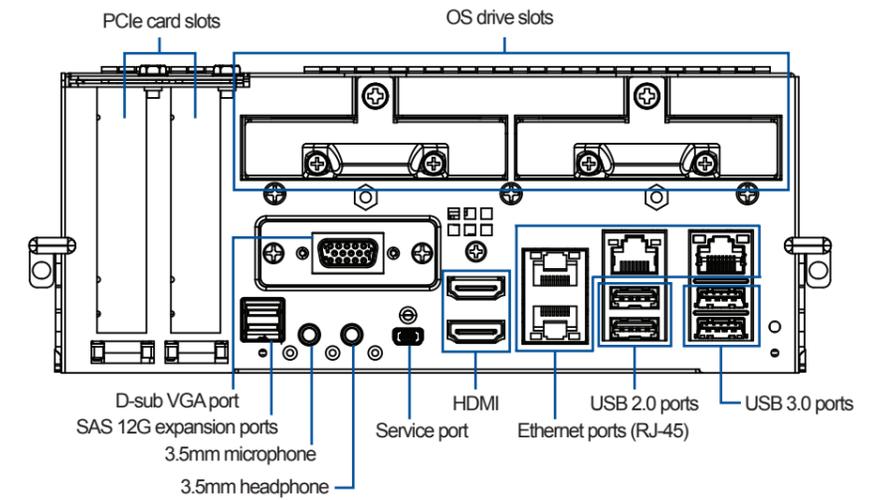


Rear panel



9 Connecting to interfaces

9.1 Interface overview



9.2 Accessing management tools

Manage your EV 5000 Gen2 system with SANWatch, a management software suite included in your bundled CD-ROM.

To install SANWatch:

1. Install SANWatch to your system.
2. Once installed, enter the IP address of the host computer in your browser, then press **Enter** to log in SANWatch interface.
3. From SANWatch login screen, enter **root** in password field, then click **Log in**.

NOTE: For more details, refer to SANWatch user manual in CD-ROM that came with your system.