

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.

1.1 Package contents

Box contents		Quantity	
	GSe Pro 105	GSe Pro 108	
Accessory box			
Quick start guide		1	
EonOne quick start guide		1	
EonOne CD		1	
3.5-inch hard drive screws		32	
2.5-inch hard drive screws		32	
LAN cable		1	
RS-232C serial cable (mini USB to DB-9)		1	
Power cord box			
Power cord		1	
Hard drive tray box			
Hard drive trays	5	8	

NOTES:

- The contents of the package and the corresponding quantities are standard shipment, and may vary based on order requests.
- The cable box may vary on order request.

1.2 User-provided tools and components

- Phillips screwdriver (medium size)
- Flat screwdriver (small size)
- At least two 3.5-inch hard drives (up to 3 TB per drive)

IMPORTANT! We recommend you to install identical hard drives in all drive trays.

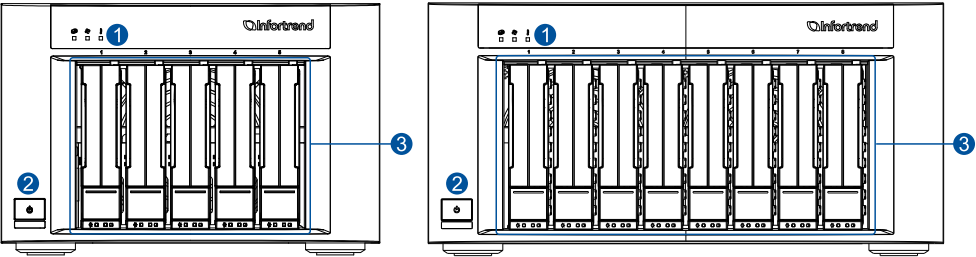
2 Interface overview

GSe Pro 100 Series comes with two models: GSe Pro 105 and GSe Pro 108.

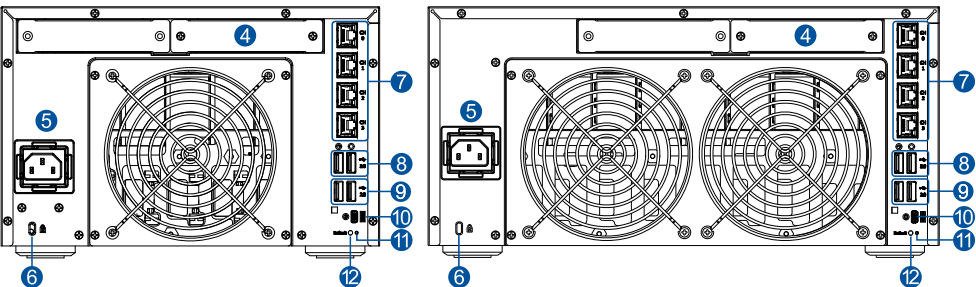
GSe Pro 105

GSe Pro 108

Front panel



Rear panel



Item	Description	Item	Description
1	Status LED panel	7	1 GbE RJ-45 ports
2	Power button	8	USB 3.0 ports
3	Drive trays	9	USB 2.0 ports
4	Host/expansion board slot	10	Mini USB port
5	Power socket	11	Restore default LED
6	Kensington lock slot	12	Restore default button

3 Installing the hard drives

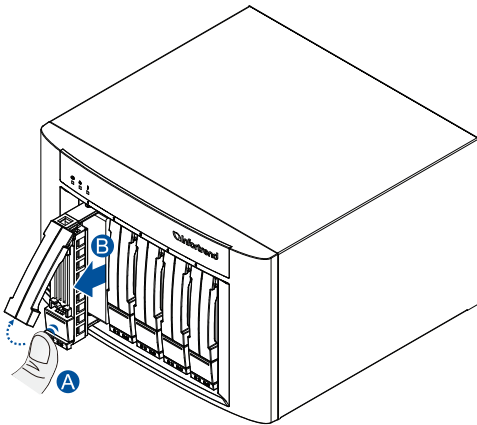
GSe Pro 100 Series supports 2.5-inch and 3.5-inch hard drives.

WARNING! DO NOT remove more than one hard drive trays from the enclosure at the same time.

IMPORTANT! We strongly recommend you to install the hard drives to all hard drive trays for a complete system configuration.

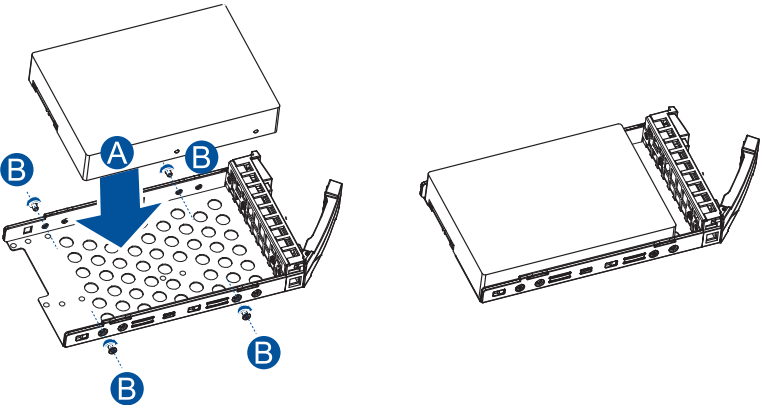
To install the hard drives:

- Press the release button to open the spring handle (A), then gently pull out the tray (B).

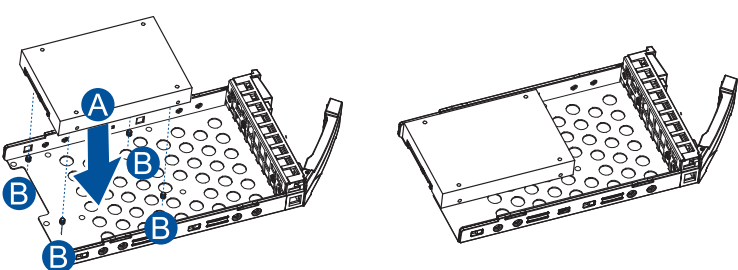


- Orient and place the hard drive to the tray with the interface connectors facing the open side of the tray and the drive label is facing up (A), then secure the drive with four screws (B).

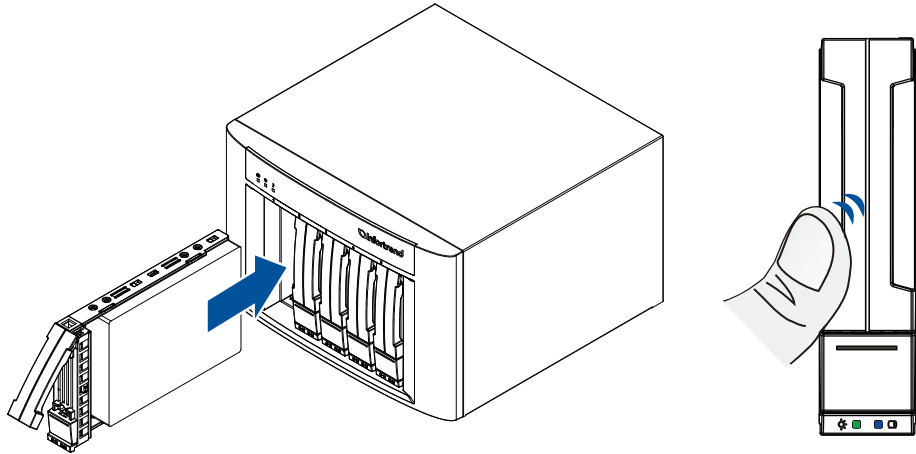
3.5-inch hard drive



2.5-inch hard drive



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

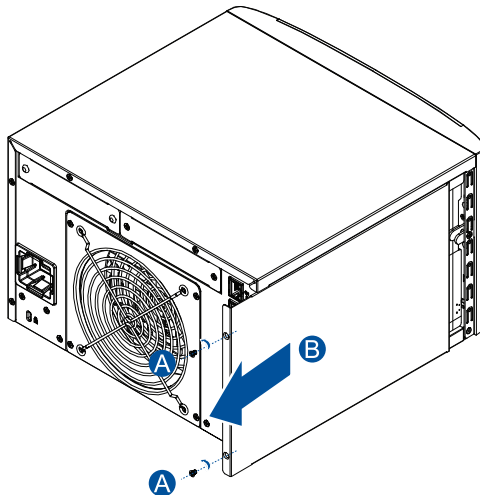


WARNING! Ensure that your system has all the drive bays occupied with the drive trays even if there are no hard drives installed. Without the drive trays, the ventilation is compromised and may cause overheating.

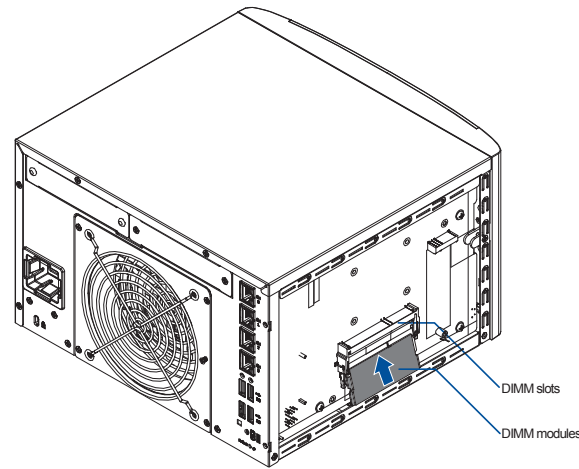
4 Installing the memory modules

To install the memory modules, follow these steps:

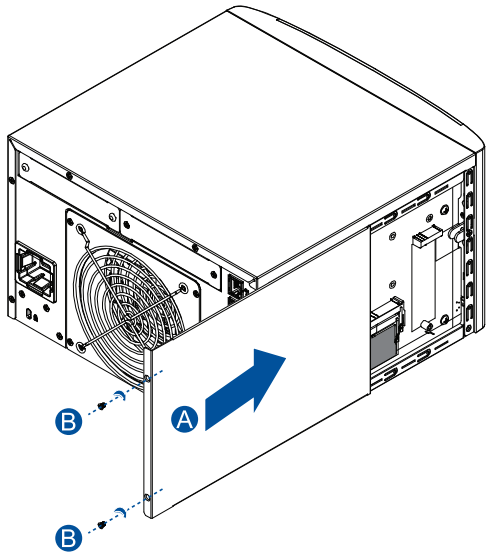
- Facing the rear panel, remove the two screws from the right panel cover (A), then slide to remove from the system (B).



- Insert the DIMM modules to the DIMM slots.



3. Slide the cover back to the system (A), then secure it with the two screws you removed in step 1 (B).

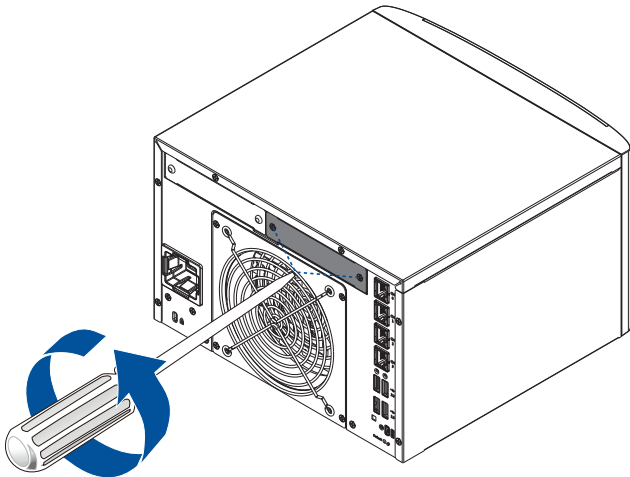


## 5 Installing a host/expansion board

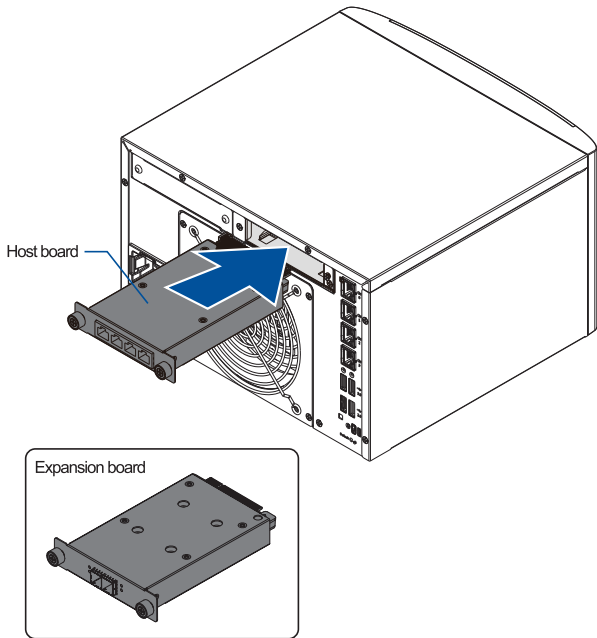
**IMPORTANT!** Ensure that you installed at least four (4) 3.5-inch hard drives in bays 1-4 if you want to install a host/expansion board.

To install a host/expansion board, follow these steps:

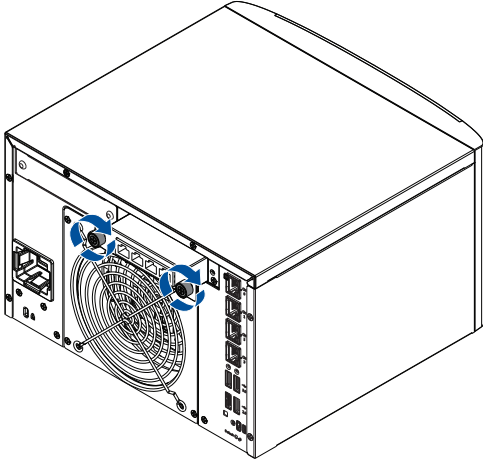
1. Facing the rear panel, remove the two screws that secure the host/expansion board's dummy cover to the system.



2. Orient and slide the host/expansion board into the host/expansion board slot.



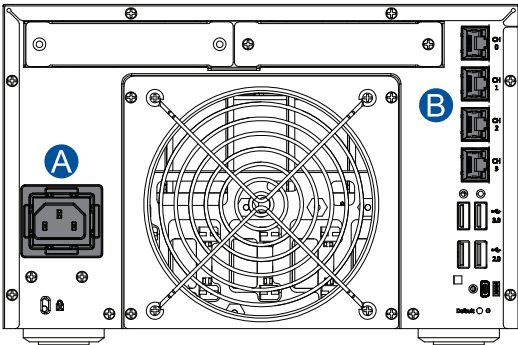
3. Turn the host/expansion board's knobs clockwise to secure the host/expansion board to the system.



## 6 Connections

### 6.1 Connecting to interfaces

Connect the bundled cord to the power plug (A) and the Ethernet cable/s to the RJ-45 Ethernet ports (B).

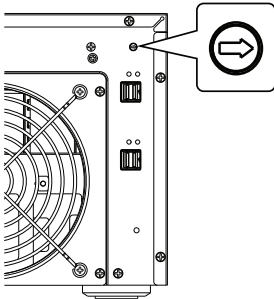


### 6.2 JBOD connections

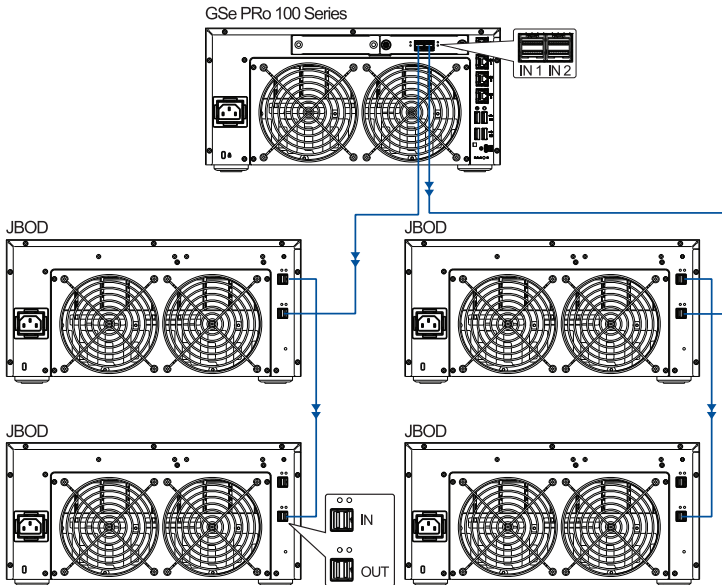
#### 6.2.1 Setting up the JBOD expansions

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 system.

**IMPORTANT!** When setting an ID on the JBOD system, you must start from 1. Use the same JBOD model if you want to attach more expansion systems.



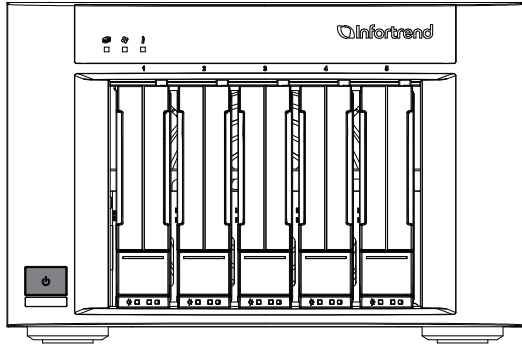
#### 6.2.2 Connecting JBOD expansions



## 7 Power up

### 7.1 Turning on the system

Press the power button to turn on the system.

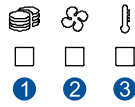


### 7.2 Verifying the status LEDs

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

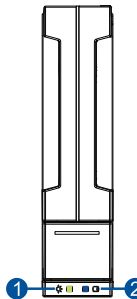
#### Front panel LED

Item	Description	
1	HDD:	
2	Cooling Fan:	
3	Temperature:	



#### Drive tray LED

Item	Description	Color/status	Function
1	Power status	Green	ON
		Red	FAILED
2	Drive busy	Blue	Drive detected
		Light blue	R/W activity



### 7.3 Turning off the system

Press and hold the power button for five (5) seconds until the HDD LED  blinks or flashes.

**NOTE:** Pressing the power button for ten (10) seconds forces the system to shut down.

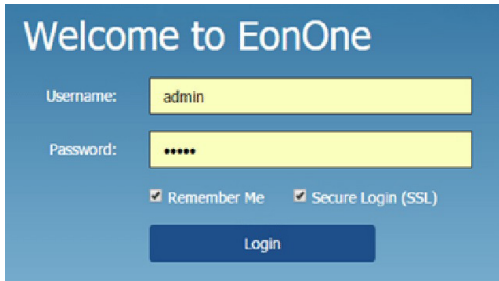
## 8 Using EonOne

Control your GSe Pro 100 Series system using the bundled EonOne GUI software via the host PC interface.


**NOTE:** Refer to your EonOne user manual for more details of the features and functions.

To install and use EonOne:

1. Connect the system to a remote computer's Ethernet port or to a host PC via the host links.
2. Insert the bundled CD in your CD drive and install **EonOne Software Suite**.
3. Once installed, launch EonOne, then log in as administrator.



**NOTE:** Use **admin** for username and password.

4. Add the system to **Device List**.
5. Click  on the top-right corner to configure the system.
6. Click **System** to activate the license.
- a. Click **License Management > Generate License Apply File** to generate a license application file, then save the file.
- b. Visit <https://support.infortrend.com> and register using the generated License Application File. The license number is attached to the software license envelope.
- c. Enter the license number, download the **License Key File**, then upload it to EonOne to activate the license.