



# JBOD 400 / JBOD 300

## Much more than just a bunch of drives

### Highlights

#### Convenient Storage Add-on

- Plug and play expansion -ideal for direct attached storage configurations
- Compatible with server-based host bus adapters and RAID cards
- Simpler than using a dedicated RAID system if all you need is storage

#### Great Performance

- 24Gb/s SAS throughput ensures ample connection speed
- Enterprise-class reliable data transmission

#### Space for Everyone

- With 2U 12-bay to 4U 90-bay options, our enclosures meet your requirements and seamlessly fit in server rooms

#### Highly Available and Green

- Dual redundant controllers and power supplies ensure high resilience against failures
- 80 Plus power supplies save energy to reduce environmental impact – and costs
- Smart cooling lowers noise and energy waste while boosting stability

#### Easy to Work with

- Controllers and power supplies use a downtime-minimizing hot plug design
- Simple installs and maintenance plus ready for controller/PSU upgrades in future

### Introduction

*Add convenient and easy-to-integrate storage to your servers with JB 400 and JB 300 rackmount enclosures. Working with a wide selection of Infortrend-qualified host bus adapters (HBA) and RAID cards, the user-friendly 19" enclosures add high performance and high availability direct attached storage to your servers in a true plug-and-play fashion. Available in multiple form factors and densities, JB 400 and JB 300 enclosures have been designed to provide quick and consistent access to big storage free from technical complexities.*

#### Fast Connectivity

The JB 400 and JB 300 enclosures instantly add massive storage to go alongside servers and have the connection speed to keep up via reliable enterprise-class performance, which ensures a combination of bandwidth and dependability. The JB 400 series supports SAS 24G to deliver exceptional throughput, ensuring lightning-fast data access and transfer speeds.

#### More Room

Using a server equipped with a host bus adapter or RAID card. Depending on the model, these expansion enclosures work with 2.5" and 3.5" drives.

#### High Availability and Hot Pluggable Design

We offer JB 400 and JB 300 enclosures with single and dual redundant controllers. The latter work with your HBA or RAID card to ensure high availability that protects data access, with a doubled data path to hard drives. All controllers are hot plug with simple installs, maintenance, and upgrades, making JB 400 and JB 300 enclosures easy to work with even if you are not an IT expert.

#### Diverse Form Factors

The JB 400 is designed in a high-density 4U 90-bay form factor, while the JB 300 series offers various options, from 2U 12-bay to 4U 90-bay. Whether an SMB or a large enterprise, they deliver the storage space you require while providing an equally flexible price spectrum.

## Eco-Friendly and Safe Power Delivery

The JB 400 and JB 300 enclosures feature redundant 80 Plus power supplies, ensuring highly efficient power delivery that saves you money on electric bills – a perfect match for non-stop server operation. Power supply fans deliver smart cooling based on system load, reducing energy waste and noise while ensuring optimized heat removal. On top of being very efficient, power supplies are carefully selected for endurance, and with solid redundancy, your storage stays up and running even if one power supply requires maintenance.

## PHYSICAL SPECIFICATIONS

Product Series		<b>JB 400 / JB 300</b>				
Form Factor		2U 24-bay	2U 12-bay	3U 16-bay	4U 60-bay	4U 90-bay
Model		JB 324 <b>RB/SB</b>	JB 312 <b>R/S</b>	JB 316 <b>R/S</b>	JB 360 <b>RL/GL</b>	JB 390 <b>R/G</b> JB 490 <b>R/S</b>
		<b>Note: G:</b> Single controller, not upgradable <b>R:</b> Dual redundant controllers <b>S:</b> Single upgradable to dual redundant controllers <b>B:</b> 2.5" drive <b>A:</b> GS type tray <b>L:</b> One drawer				
Onboard SAS Expansion Ports		2	2	2	3	4
		<b>Note:</b> JB 490 uses 24Gb/s SAS; the other models use 12Gb/s SAS.				
Supported Drives		<ul style="list-style-type: none"> <li>• 2.5" SAS SSD</li> <li>• 2.5" 12Gb/s SAS 10,000 RPM HDD</li> <li>• 3.5" 12Gb/s NL-SAS 7,200 RPM HDD</li> <li>• 2.5" SATA SSD (for single-controller models only)</li> </ul>				
		<b>Note:</b> For the latest Compatibility Guide, refer to our official website.				
Dimensions (W x H x D) (Without Chassis Ears and Protrusions)		449 x 88 x 500 mm	449 x 88 x 500 mm	449 x 130 x 500 mm	438 x 175.8 x 840 mm	435 x 175.8 x 965.6 mm
Package Dimensions (W x H x D) (Incl. Pallet for 4U 60/90-bay Models)		588 x 239 x 780 mm	588 x 239 x 780 mm	588 x 283 x 780 mm	630 x 477 x 1150 mm	620 x 550 x 1250 mm
Power Supply Unit	Power Supplies (Redundant and Hot-swappable)	Global	460W x 2 (80 PLUS Bronze)		1200W x 2 (80 PLUS Platinum)	1600W x 2 (80 PLUS Titanium)
		EU	800W x 2 (80 PLUS Titanium)		1300W x 2 (80 PLUS Titanium)	
	AC Voltage	Global	100-240VAC @10-5A		100-127VAC @10A, 200-240VAC @8A	100-127VAC @12A, 200-240VAC @10A
		EU	100-127VAC @10A, 200-240VAC @5A		100-127VAC @12A, 200-240VAC @8.5A	
		<b>Note:</b> Please use 200-240VAC for the 4U 60-bay and 4U 90-bay models in both the global and EU versions.				
	Frequency	50-60 Hz				
Safety Standards		<ul style="list-style-type: none"> <li>• Electromagnetic compatibility: CE, BSMI, FCC</li> <li>• Safety: UL, BSMI, CB</li> </ul>				

## WARRANTY AND SERVICE

Standard Service	3-year limited hardware warranty and 8 x 5 phone, web, and email support (batteries are covered under warranty for 2 years)
Service and Support	Warranty extension: Standard service can be extended up to 5 years. The following services can be upgraded to 5 years. <ul style="list-style-type: none"> <li>• Upgrade: Replacement part dispatch on the next business day</li> <li>• Advanced service: Phone, web, and email support + onsite diagnostics on the next business day</li> <li>• Premium service: Phone, web, and email support + onsite diagnostics within 4 hours</li> </ul>
	<b>Note:</b> Options may vary by region. For more details, please contact our sales representatives.
	Technical Support: Get information on system installation and maintenance, download technical documents and software, or issue a support ticket Product Services: Register products, download firmware, apply for licensing services, create product repair tickets, or check product repair status

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