



# 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

- 12Gb/s SAS throughput ensures ample connection speed
- Enterprise-class reliable data transmission

### Space for Everyone

- 2U 12-bay to 4U 60-bay, pick the enclosure that is right for you
- High density with standard 19" rackmount form factor
- Up to 224 drives via host bus adapters or RAID cards

### Highly Available and Green

- Dual redundant controllers provide offer a doubled data path to hard drives
- Up to three power supplies mean enclosures are very failure-resistant
- 80 PLUS units save energy to reduce environmental impact – and costs
- Smart cooling lowers noise and energy waste while boosting stability

## Introduction

*Add convenient and easy to integrate storage to your servers with JB 300 rackmount enclosures. Working with a wide selection of Infotrend-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 true plug n play fashion. Available in multiple form factors and densities, JB 300 enclosures have been designed to provide quick and consistent access to big storage that is free from technical complexities.*

### Fast Connectivity

JB 300 enclosures instantly add massive storage to go alongside servers and have the connection speed to keep up via reliable enterprise-class 12Gb/s SAS, which provides a combination of bandwidth and dependability.

### More Room

Using a server equipped with a host bus adapter or RAID card, you can select a JB 300 enclosure with space for as many as 224 drives. Depending on model, JB 300 products work with 2.5" and 3.5" drives.

### High Availability and Hot Pluggable Design

We offer 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 300 enclosures easy to work with even if you are not an IT expert.

### Diverse Form Factors

From compact 2U 12-bay to large form factor and high density 60-bay models, JB 300 enclosures cater to a wide range of situations and demands. Whether an SMB or a large enterprise, they deliver the storage space you require while providing an equally flexible price spectrum.

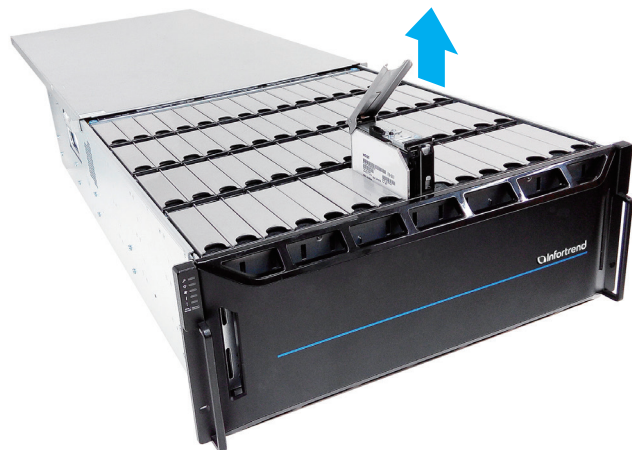
## Easy to Work with

- Controllers and power supplies use a downtime-minimizing hot plug design
- Simple installs and maintenance plus ready for controller/PSU upgrades in future
- Hard drives organized into easy-reach drawers with vertical drive alignment for simple push and pull access (high density 60-bay models)

## Smart and Easy Drawer Layout

High density 60-bay JB 300 enclosures arrange drives into three drawers that can be easily opened and closed with one-hand convenience. Inside drawers, drives stand vertically and can be pushed in and pulled out with great ease – making for quick swaps if you need bigger drives, plus easy maintenance and replacement.




**JB360**



**JB360L**


## Eco-Friendly and Safe Power Delivery

JB 300 enclosures feature up to three redundant 80 PLUS power supplies rated for 530W/460W or 1600W/1200W each. These ensure 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  | JB 324B  | JB 312   | JB 316  |
|---|--|--|---|
| Photo   |             |  |  |
| Form factor <sup>1</sup>  | 2U-24Bay<br>2U-12Bay<br>3U-16Bay   | JB 324RB/SB<br>-<br>-<br>JB 312R/S<br>-  | -<br>-<br>JB 316R/S   |
| Note: <b>R</b> : Redundant controller <b>S</b> : Upgradable single controller <b>B</b> : 2.5" Form factor |  |  |   |
| Host connectivity (per controller)  | 2 x 12Gb/s Mini SAS HD ports (SFF-8644)  |  |   |
| Supported drives <sup>2</sup>   | 2.5" SAS and SATA SSD<br>2.5" 10,000 RPM and 15,000 RPM SAS HDD<br>3.5" 7,200 RPM NL-SAS HDD |  |   |
| Maximum drives (via expansion to additional enclosures)   | 216  | 180  | 224   |
| Power supplies  | Two redundant 460W   | Two redundant 460W   | Two redundant 460W  |

| Product Series  | JB 360   | JB 360L   |
|---|--|---|
| Photo   |             |  |
| Form factor <sup>1</sup>  | 4U-60Bay   | JB 360R/G<br>JB 360RL/GL <sup>3</sup>   |
| Note: <b>R</b> : Redundant controller <b>G</b> : Non upgradable single controller <b>L</b> : One drawer |  |   |
| Host connectivity (per controller)  | 3 x 12Gb/s Mini SAS HD ports (SFF-8644)  |   |
| Supported drives <sup>2</sup>   | 2.5" SAS and SATA SSD<br>2.5" 10,000 RPM and 15,000 RPM SAS HDD<br>3.5" 7,200 RPM NL-SAS HDD |   |
| Maximum drives (via expansion to additional enclosures)   | 180  | 180   |
| Maintenance efficiency  | -  | HDD tray is screwless design (3.5" 7200 RPM SAS HDD only)                           |
| Power supplies  | Two redundant 1600W  | Two redundant 1200W   |

- For detailed dimension, please visit Infortrend website.
- For the latest compatibility details, please contact our sales representatives.
- One drawer design with following dimension: 448mm(W) x 176mm(H) x 860mm(L) (Exclude CMA)/ 448mm(W) x 176mm(H) x 990mm(L) (Include CMA)

## WARRANTY AND SERVICE

|                              |  |
|------------------------------|--|
| Standard Service             | 3-year limited hardware warranty and 8x5 phone, web, and email support (batteries are covered under warranty for 2 years)  |
| Upgrade or Extension Options | <p>Warranty extension: Standard service can be extended up to 5 years. The following service can be upgraded to 5 years.</p> <ul style="list-style-type: none"> <li>Upgrade: Replacement part dispatch on the next business day</li> <li>Advanced service: 24x7 phone, web, and email support + onsite diagnostics on the next business day</li> <li>Premium service: 24x7 phone, web, and email support + onsite diagnostics in 4 hours</li> </ul> <p>Note: Options may vary by region. For more details, please contact our sales representatives.</p> |
| 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  |

Asia Pacific (Taipei, Taiwan)  
Infortrend Technology, Inc.  
Tel : +886-2-2226-0126  
E-mail : sales.ap@infortrend.com

China (Beijing, China)  
Infortrend Technology, Ltd.  
Tel : +86-10-6310-6168  
E-mail : sales.cn@infortrend.com

Japan (Tokyo, Japan)  
Infortrend Japan, Inc.  
Tel : +81-3-5730-6551  
E-mail : sales.jp@infortrend.com

Americas (Sunnyvale, CA, USA)  
Infortrend Corporation  
Tel : +1-408-988-5088  
E-mail : sales.us@infortrend.com

EMEA (Basingstoke, UK)  
Infortrend Europe Ltd.  
Tel : +44(0)-1256-305-220  
E-mail : sales.eu@infortrend.com



© 2022 Infortrend Technology, Inc. All rights reserved. • Any information provided herein is without warranties of any kind of and is subject to change without prior notice. • Infortrend logo, EonStor, SANWatch and EonOne are trademarks or registered trademarks of Infortrend Technology, Inc. • All other names, brands, or services are trademarks or registered trademarks of their respective owners.