JB 300 series

Much more than just a bunch of drives

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

Add convenient and easy to integrate storage to your servers with 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 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" HDDs

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

JB 360

JB 360L

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

Model	JB 324RB	JB 324SB	JB 312R	JB 312S
Form factor[2]	2U SFF 19-inch rackmount		2U LFF 19-inch rackmount	
Drive bay	24		12	
Controller	Dual redundant	Single	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 12Gb/s Mini SAS HD ports (SFF-8644)			
Controller support	• LSI 12Gb/S SAS RAID card - MegaRAID SAS 9380-8e			
Supported drives[1]	2.5" 10000 RPM SAS 2.5" 15000 RPM SAS 3.5" 7200RPM SAS (JB312 only)			
Maximun drives (via expansion to additional enclosures)	216		180	
Hot-swappable power supply	Two redundant 460W			
Green design	80 PLUS power supplies delivering more than 80% energy efficiency			
Avaiability	Redundant, hot-swappable hardware modules			
Notification	LED status			
Service and Support	**Standard service**	3-year limited hardware/software warranty and 8x5 phone, web and email support		
	Upgrade/Extension Options[3]	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years		

Model	JB 316R	JB 316S
Form factor[2]	3U LFF 19-inch rackmount	
Drive bay	16	
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	2 x 12Gb/s Mini SAS HD ports (SFF-8644)	
Controller support	• LSI 12Gb/S SAS RAID card - MegaRAID SAS 9380-8e	
Supported drives[1]	2.5" 15000 RPM SAS 2.5" 10000RPM SAS 3.5" 7200RPM SAS	
Maximun drives (via expansion to additional enclosures)	224	
Hot-swappable power supply	Two redundant 460W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support	**Standard service** — 3-year limited hardware/software warranty and 8x5 phone, web and email support	
	Upgrade/Extension Options[3] — Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

1. For the latest compatibility details, please contact our sales representatives.
2. For detailed dimension, please visit Infortrend website.
3. Options may vary by region.

Model	**JB 360R**	**JB 360G**
Form factor[2]	4U LFF 19-inch rackmount	
Drive bay	60	
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	3 x 12Gb/s Mini SAS HD ports (SFF-8644)	
Controller support	LSI 12Gb/S SAS RAID card - MegaRAID SAS 9380-8e	
Supported drives[1]	3.5" 7200RPM SAS/2.5" 10K RPM SAS, 2.5" 15K RPM SAS	
Maximun drives (via expansion to additional enclosures)	180	
Hot-swappable power supply	Two redundant 1600W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support — Standard service	3-year limited hardware/software warranty and 8x5 phone, web and email support	
Service and Support — Upgrade/Extension Options[3]	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

Model	**JB 360RL[4]**	**JB 360GL[4]**
Form factor[2]	4U LFF 19-inch rackmount	
Drive bay	60	
Controller	Dual redundant	Single
Host/Expansion connectivity (per controller)	3 x 12Gb/s Mini SAS HD ports (SFF-8644)	
Controller support	LSI 12Gb/S SAS RAID card - MegaRAID SAS 9380-8e	
Supported drives[1]	3.5" 7200RPM SAS/2.5" 10K RPM SAS, 2.5" 15K RPM SAS	
Maximun drives (via expansion to additional enclosures)	180	
Maintenane efficiency	HDD tray is screwless design(3.5" 7200 RPM SAS HDD only)	
Hot-swappable power supply	Two redundant 1200W	
Green design	80 PLUS power supplies delivering more than 80% energy efficiency	
Avaiability	Redundant, hot-swappable hardware modules	
Notification	LED status	
Service and Support — Standard service	3-year limited hardware/software warranty and 8x5 phone, web and email support	
Service and Support — Upgrade/Extension Options[3]	Replacement part dispatch on the next business day (up to 5 years) Advanced Service: 24x7 phone, web and email support + onsite diagnostics on the next business day (up to 5 years) Premium Service: 24x7 phone, web and email support + onsite diagnostics in 4 hours (up to 5 years) Extended Standard Service up to 5 years	

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2. For detailed dimension, please visit Infortrend website.
3. Options may vary by region.
4. 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)