

IW-RJ460-08

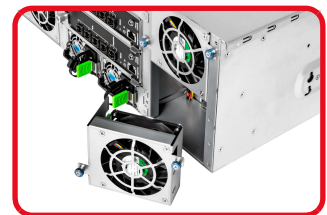
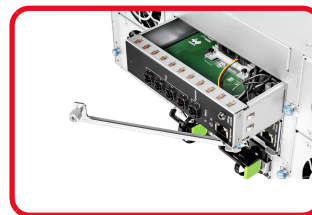
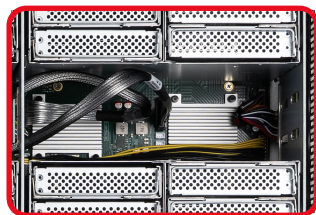
4U High Density 60-Bays JBOD Enclosure

JBOD



Features & Benefits

- Top-load 2.5"/3.5" hot-swap HDD trays x 60 support SAS4 and SAS3 data transfer rate
- Hot swappable tray-based design lets users replace a failed drive by pulling out only its drawer
 - Cross-position trays to limit vibrations caused by HDDs
 - Dual-path storage for high-availability systems
- Modular design, lower complexity, fast and easy maintenance
- Generating intensive airflow by using four 80 x 38mm PMW hot-swap fans
- Web-based GUI provides the easiest way to manage JBOD system
 - CRPS 1200W/1600W/2000W 80 Plus[®] Platinum certified
 - Compatible with 900mm deep cabinets



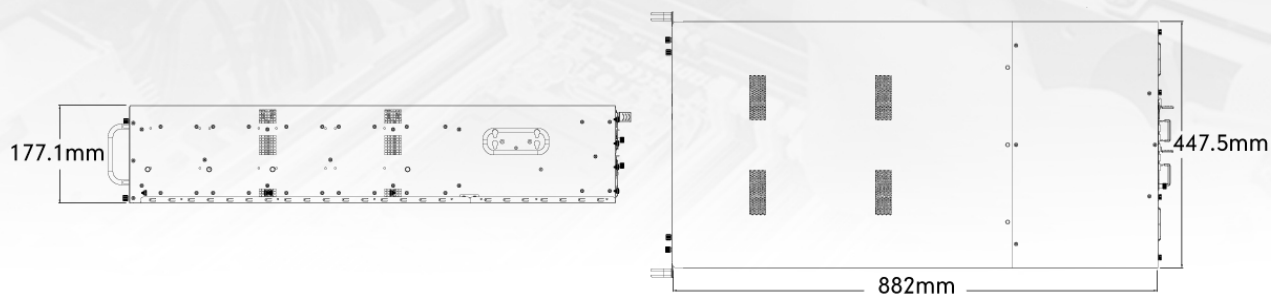
Specifications

Industry Standard	Compatible with EIA-RS310D standard 19" cabinets
Drive Bay	Internal 2.5"/3.5" hot-swap trays x 60 (SAS4 24 Gb/s, SAS3 12 Gb/s, SATA 6Gbp Gb/s supported)
Power Supply	Supports: Form factor 80 Plus Platinum CRPS • SAS4 Watt: 1200W/1600W/2000W • SAS3 Watt: 1200W/1600W
Indicators	Status LED, drive status LEDs for bay 1-60
Front Control Panel	Front Panel: Power on/off, chassis ID button Panel color: Silver (SAS4) / Gold (SAS3)
Cooling Fans	80 x 38mm PWM hot-swap fans x 4, 12000 RPM
SAS4 Backplane	Backplane type-1&2: • Host: each backplane equipped with 2 edge chipsets, MCIO 8i x 2 per edge • HDD: SAS/SATA x 24 each Backplane type-3: • Host: MCIO 8i x 2, MCIO 4i x 2 • HDD: SAS/SATA x 12 Middle Plane: MCIO 8i x 6, MCIO 4i x 2 Bridge expanders x 2, Mini-SAS HD (SFF-8674) x 5 each
SAS3 Backplane	Backplane type-1&2: • Host: each backplane equipped with 2 edge expanders, Mini-SAS HD (SFF-8643) x 3 per expander • HDD: SAS/SATA x 24 each Backplane type-3: • Host: Mini-SAS HD x 6 • HDD: SAS/SATA x 12 Middle plane: Mini-SAS HD x 14 Bridge expanders x 2, Mini-SAS HD (SFF-8644) x 5 each
Management	Smart fan, thermal monitor, HDD monitor, voltage monitor, alarm warning
SES	Supports SES-2 (SCSI enclosure service)
Maintenance	Supports management by Ethernet and RS-232
HDD Power Management	HDD sequential power on
Temperature	0°C to 35°C
Material	• Material: SGCC • Thickness: 1.2mm
Rail Kit	28" tool-less & ball-bearing slide rail included
Product Dimensions (DxWxH; Chassis Only)	882 x 447.5 x 177.1mm (34.72" x 17.62" x 6.98")
Package Dimensions (DxWxH)	1160 x 645 x 660mm
Weight	Package1 (SAS4): Net weight: 44.87 kg • Gross weight: 58.03 kg Package2 (SAS3): Net weight: 44.87kg • Gross weight: 58.03 kg
Cubic Feet	17.43
Container Information	Single packing with pallets: • 20': 24pcs • 40': 54pcs

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SAS4 Backplane Specifications

Backplane Type-1&2	SAS4 backplanes x 2
Data Transfer Rate	24Gb/s
Dimension (W x H)	425mm x 220.94mm
Host Interface	Each backplane equipped with 2 edge chipsets MCIO 8i x 2 per edge
HDD Interface	SAS/SATA x 24

Backplane Type-3	SAS4 backplane x 1
Data Transfer Rate	24Gb/s
Dimension (W x H)	425mm x 111.94mm
Host Interface	MCIO 8i x 2, MCIO 4i x 2
HDD Interface	SAS/SATA x 12

Middle plane	MCIO 8i x 6
Bridge Expander	Bridge expanders x 2
External Link	Uplink port: Mini-SAS HD (SFF-8674) x 4 each Downlink cascade port: Mini-SAS HD (SFF-8674) x 1 each

SAS3 Backplane Specifications

Backplane Type-1&2	SAS3 backplanes x 2
Data Transfer Rate	12Gb/s
Dimension (W x H)	425mm x 220.94mm
Host Interface	Each backplane equipped with 2 edge expanders Mini-SAS HD (SFF-8643) x 3 per expander
HDD Interface	SAS/SATA x 24 each

Backplane Type-3	SAS3 backplane x 1
Data Transfer Rate	12Gb/s
Dimension (W x H)	425mm x 111.94mm
Host Interface	Mini-SAS HD x 6
HDD Interface	SAS/SATA x 12

Middle Plane	Mini-SAS HD x 14
Bridge Expander	Bridge expanders x 2
External Link	Uplink port: Mini-SAS HD (SFF-8644) x 4 each Downlink cascade port: Mini-SAS HD (SFF-8644) x 1 each

Optional Items

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Item	Part Number	Description	Support
Slide Rail	2RALZT412400	CMA (Cable Management Arm)	Max. 1
Power Supply	3RAMAP026501	80 Plus Platinum CRPS 1200W (AC input 100-127V, total power 800W max. / AC input 200-240V, total power 1200W max.)	Max. 2
Power Supply	3RAMAP044300	80 Plus Platinum CRPS 1600W (AC input 100-127V, total power 1000W max. / AC input 200-240V, total power 1600W max.)	Max. 2
Power Supply	3RAMAP038600	80 Plus Platinum CRPS 2000W (AC input 100-127V, total power 1000W max. / AC input 200-240V, total power 2000W max.)	Max.2

* The actual product is subject to change without prior notice. In Win Development Inc. reserves the right to make any final modifications.

* The above image is for reference only. All hardware components and optional parts are not included.