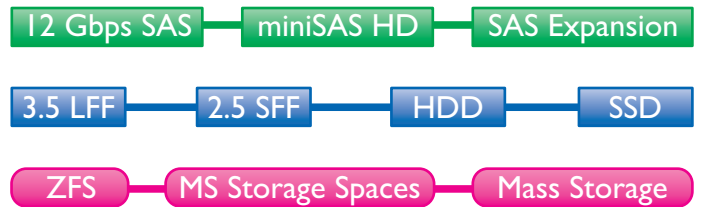


12 Gbps SAS RAIDdeluxe 12, 16 and 24 bay JBOD enclosures



Capacity can be expanded by simply adding more JBOD enclosures. The 12 Gbps SAS mid-plane ensures the compatibility of future drive capacity enhancements. RAIDdeluxe is designed to grow with future requirements.

RAIDdeluxe incorporates a cableless design which means fewer connectors are used. Fewer connectors result in better signal stability. In addition, RAIDdeluxe uses high-quality connectors for maximum signal integrity.

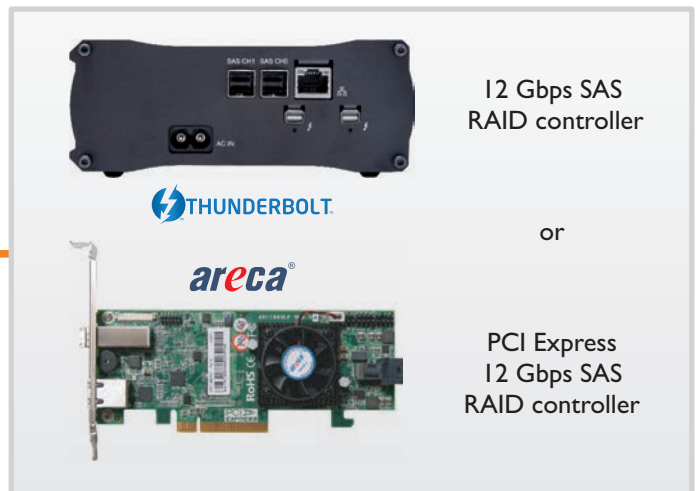
SCSI Enclosure Service-3 gives full monitoring capability of all SCSI and non-SCSI devices in the JBOD. Potential hardware failures can be identified and eliminated easily - thanks to the enclosure modularity.



- Features:**
- 12 or 16 hot-swappable 3.5 LFF drive bays (2.5 SFF drive bays are possible)
 - 24 hot-swappable 2.5 SFF drive bays
 - Simultaneously support 12 Gbps SAS or 6 Gbps SAS/SATA disks
 - Single or dual 12 Gbps SAS JBOD controller module
 - Each SAS JBOD controller module consists of two miniSAS HD x4 ports
 - Modular design of JBOD controller, power supply and cooling system
 - Two 595 W high efficiency redundant hot swappable power supplies
 - Cableless design for maximum signal integrity
 - Utilizes industry-standard SCSI Enclosure Services to monitor enclosure and disk environmental conditions

Enclosure monitoring (SCSI Enclosure Service):

- SES-3 Support
- System LED indications
- Fan speed monitoring
- Power supply monitoring
- System voltage monitoring
- System temperature monitoring
- System alarm



Technical Specifications

RAIDdeluxe 12, 16 and 24 bay JBOD enclosures

Model (SKU)	RDL-JD12S12-R2	RDL-JS12S12-R2	RDL-JD16S12-R3	RDL-JS16S12-R3
Controller	Dual	Single	Dual	Single
Host Interface	2x miniSAS HD x4 (SFF-8644)	1x miniSAS HD x4 (SFF-8644)	2x miniSAS HD x4 (SFF-8644)	1x miniSAS HD x4 (SFF-8644)
SAS expander	4x miniSAS HD x4 (SFF-8644)	2x miniSAS HD x4 (SFF-8644)	4x miniSAS HD x4 (SFF-8644)	2x miniSAS HD x4 (SFF-8644)
Disk Interface	12 Gbps SAS / 6 Gbps SAS/SATA		12 Gbps SAS / 6 Gbps SAS/SATA	
Capacity - Direct Attached - Expansion	12x 3.5 LFF SAS / SATA Disks refers to controller specification		16x 3.5 LFF SAS / SATA Disks refers to controller specification	
Operating System OS independent	Yes		Yes	
Enclosure Platform Form Factor # of Hot Swap Trays Tray Lock Disk Status Indicator Backplane # of PSU with Fan Modules Power requirements	Rackmount 2U 12 Yes Access / Fail LED SAS 12 Gbps 2x 595 W continuous AC 100~240 V; 50~60 Hz		Rackmount 3U 16 Yes Access / Fail LED SAS 12 Gbps 2x 595 W continuous AC 100~240 V; 50~60 Hz	
Environmental Relative Humidity, non condensing Operating Temperature Physical Dimension (WxHxL)/mm Weight (Without Disks)	10 % ~ 80 % 0°C ~ 40°C 482 x 88.2 x 542 27 kg		10 % ~ 80 % 0°C ~ 40°C 482 x 132.6 x 542 31 kg	
		26.5 kg		30.5 kg

Model (SKU)	RDL-JD24S12-R2	RDL-JS24S12-R2	RDL-JS24S12-R4
Controller	Dual	Single	Single
Host Interface	2x miniSAS HD x4 (SFF-8644)	1x miniSAS HD x4 (SFF-8644)	1x miniSAS HD x4 (SFF-8644)
SAS expander	4x miniSAS HD x4 (SFF-8644)	2x miniSAS HD x4 (SFF-8644)	2x miniSAS HD x4 (SFF-8644)
Disk Interface	12 Gbps SAS / 6 Gbps SAS/SATA		12 Gbps SAS / 6 Gbps SAS/SATA
Capacity - Direct Attached - Expansion	24x 2.5 SFF SAS / SATA Disks refers to controller specification		24x 3.5 LFF SAS / SATA Disks refers to controller specification
Operating System OS independent	Yes		Yes
Enclosure Platform Form Factor # of Hot Swap Trays Tray Lock Disk Status Indicator Backplane # of PSU with Fan Modules Power requirements	Rackmount 2U 24 Yes Access / Fail LED SAS 12 Gbps 2x 595 W continuous AC 100~240 V; 50~60 Hz		Rackmount 4U 24 Yes Access / Fail LED SAS 12 Gbps 2x 595 W continuous AC 100~240 V; 50~60 Hz
Environmental Relative Humidity, non condensing Operating Temperature Physical Dimension (WxHxL)/mm Weight (Without Disks)	10 % ~ 80 % 0°C ~ 40°C 482 x 88.2 x 542 27 kg		10 % ~ 80 % 0°C ~ 40°C 482 x 176.4 x 542 34 kg
		26.5 kg	