



3U RAID System:

actidata 3U RAID System provides the most versatile Disk Expansion system, ideal for high capacity and scalability storage in most popular Operating System environments

Backup windows are shrinking and rapid files restores are more important than ever. Cost-effective SATA drives can be selected for capacity orientated storage such as disk-to-disk backup and the storage of reference data. Ability to host multiple tiers of data in a JBOD system configuration gives organizations the flexibility to meet both technical requirements and budgetary constraints with a single unified solution.

Product Highlights:

● **Optimized System Density**

Modular design facilitates easy system upgrades, installation and maintenance. Compact design maximizes rack space usage

● **Ease of Deployment and Recovery**

The 3U RAID System is relatively easy to deploy without drastic reconfigurations to the network for file-level or block-level access

● **Exceptional Manageability**

The firmware-embedded SMTP manager, SNMP agent, web browser-based RAID manager allows local or remote management and configuration.

● **Flexible and Compliant with Future Technology**

The 3U RAID System is designed to meet today and tomorrow's demanding open-systems requirements while establishing a new standard for life cycle longevity with field-replaceable host interface cards

● **High Availability**

Takes advantage of proven features including a high performing and scalable operating system, data management software and redundancy features

● **Maximization of Resources**

Highly efficient storage utilization makes it possible for dramatically reducing consumption of raw storage, power, cooling, and space.

3U RAID System

The 3U RAID System allows simplification of the ever-growing need for business continuity and data retention. Providing storage solutions that are designed to provide low total cost of ownership, high performance, robust functionality and unparalleled ease of use.



General	JBOD	SAS-SAS	FC-SAS
Controller	Single / Redundant	Single / Redundant	Single / Redundant
Host Interface	One / Two 4x mini SAS (3GB/s)	One / Two 4x mini SAS (3GB/s)	Two FC-AL (4GB/s)
Disk Interface	SAS 3GB or SATA II	SAS 3GB or SATA II	SAS 3GB or SATA II
SAS Expansion	Two / Four 4x mini SAS (3GB/s)	4x mini SAS (3GB/s)	4x mini SAS (3GB/s)

Storage

Capacity - Direct Attached	16 Disks	16 Disks	16 Disks
Capacity - Expansion	Refer to controller specification	Up to 112 Disks	Up to 112 Disks
Monitor Port Support	Yes	Yes	Yes

RAID Features

RAID Level	JBOD	0, 1, 0+1, 3, 5, 6, 50, 60 and JBOD	0, 1, 0+1, 3, 5, 6, 50, 60 and JBOD
Array Group / LUNs	N.A.	Up to 128	Up to 128
Hot Spare / Drive Roaming / Online Rebuild / Variable Stripe Size / Email Specification /	N.A.	Yes	Yes
Online Capacity expansion, RAID level / stripe size migration	N.A.	Yes	Yes
Online Array Roaming / Online Consistency Check / SMTP manager and SNMP agent / Redundant Flash Image	N.A.	Yes	Yes
Instant Availability and background initialization / SMART support / MAID / Bad Block auto-remapping	N.A.	Yes	Yes

Enclosure

Platform	Rackmount
Form Factor	3U
No. of Hot Swap Trays	16
Tray Lock	Yes
Disk Status Indicator	Access / Fail LED
Backplane	SAS / SATA II Single BP
Power Requirements	AC 90V ~ 264V Full Range, 10A ~ 5A, 47 Hz ~ 63 Hz

Environment

Relative Humidity	10% - 85% Non-condensing
Operating Temperature	10°C - 40°C (50F - 104F)
Physical Dimension	59 cm x 49 cm x 13 cm
Weight	24 / 25 kg (without disks)

About actiData

actidata GmbH, based in Dortmund (Germany), is a young and innovative IT company with outstanding solutions competency in the backup and archiving area. The company is active in the core market in Europe and Asia and focuses on the corporate customer segment. **actidata** aims at establishing itself as a leading storage provider in the B2B area. A highly motivated and experienced team of professionals is committed to the superior quality and reliability of the **actidata** products: These include tape drives, autoloaders and libraries based on the LTO tape technology platform as well as the disk-based removable storage system **actiDisk** RDX. The product range of the storage expert further includes LTO and RDX media.