

Enterprise Level

POWERDAS

Salient's PowerDAS (Direct Attached Storage) system expands the primary storage capacity of a PowerPlus or PowerUltra NVR. A PowerDAS 2U form factor chassis is populated with up to 110TB of usable storage capacity configured in a single RAID 5 array. PowerDAS storage arrays connect to Salient PowerPlus or PowerUltra servers using the PERC H830 Host-RAID Adapter. Up to two PowerDAS storage arrays can be daisy-chained to a single server to provide up to 220TB of expanded storage.

FEATURES

- Provides up to 110TB of expanded storage capacity
- RAID 5 Fault Tolerance
- Redundant Data Path with I/O Load Balancing
- Self-Encrypting Drives
- Hot-Swappable Drives
- Up to twelve (12) hot-pluggable 6Gb/s SAS drives at 7200 RPM
- Daisy chain up to two arrays for up to 220TB of expanded storage



POWERDAS

SYSTEM SPECS

Host Operating System	Server 2012 R2 Standard, 64-bit
Supported Storage Configurations	Up to 110TB
RAID Controller	Yes
RAID Level of Storage	5 or 6
# of Hot Spares Supported	1 or 2

Hot-Swappable Drives	Yes
Self-Encrypting Drives	Yes
Host Connectivity	Unified mode with redundant data path for daisy-chaining up to 2 enclosures
Enclosure Management Modules	2
Back-panel Connectors	4 mini-SAS HD connectors per EMM
Expansion	Yes - DAS-EXT-RAID adapter enables expansion to 2 enclosures on Host system

CHASSIS FEATURES

Form Factor	2RU Rackmount
Height	3.39 inches (87 mm)
Width	18.8 inches (482 mm)
Depth	29.1 inches (541 mm)
Weight	63.03 lbs (28.59kg) max

OPERATING REQUIREMENTS

Operating Temp.	50°F - 95°F (10°C - 35°C)
Power Supply	600W - 100 - 240 VAC
Relative Humidity	
Operating:	8% - 85% non-condensing
Storage:	5% - 95% non-condensing
BTU	2047 BTU/hr

WARRANTY

3 and 5 year (basic, NBD, or 4HR)