

EditShare XStream Specifications

Storage

- 7200RPM 3.5 inch enterprise-class Serial Attached SCSI (SAS) class drives in 500GB, 750GB, and 1TB capacities
- 15000RPM 3.5 inch enterprise-class Serial Attached SCSI (SAS) class drives in, 73GB, 146GB, 300GB, and 450GB capacities
- XStream Server houses 16 drives in RAID5
- Each XStream Expansion Chassis also houses 16 drives in RAID5
- x8 PCI-e expansion for extreme performance and video stream counts
- Individual server groups scale to 256 chassis (4096 drives)
- EditShare Extreme Scalable Architecture (ESA) enables virtually unlimited chassis and drive numbers

RAID Controller and Cache

- EditShare XStream Hardware Raid Controller with x8 PCIe to 3Gb SAS
- 3 Gb/s per port x8 ports; 256MB DDR2 DRAM

RAID Operation

- RAID5 standard (optionally capable of other RAID standards)
- Supports multiple RAID sets per hardware card for less latency
- Automatic and manual background rebuilding of drives after failure
- Notification of disk errors and alarms
- Remote event notification by email
- Rebuild and Verification settings
- Priority settings for all RAID maintenance
- Host Connections
- Gigabit Ethernet and 10 Gigabit Ethernet Support
- Server is supplied with a 10Gigabit HBA with CX4 connector
- Optional 10Gigabit Ethernet Fibre connectivity: SR/ER/LR

Electrical

- Dual universal input, 100-260 VAC, 50-60Hz
- Typical continuous power: 460W for XStream Server with 16 drives; 300W for Storage Chassis with 16 drives
- Hot-swappable 350W power supplies configured N+1 for redundancy;
- ROHAS, CE Mark, FCC Part 15, etc.

Thermal Output (Max)

- Server with 16 drives = 1705 BTU/hr
- Expansion chassis with 16 drives = 1023 BTU/hr, typical.
- Cooling System /Environmental
- Dual hot-swappable 120mm centrifugal blowers (80 cfm) configured N+1 for redundancy
- Operating +10 to +40C, 5%-95% RH;
- Non-operating 0 to +50C, 0 to 100% RH, Non-condensing.

Dimension

- 3U standard rack mountable
- 19" w x 5.21" h x 21" d; (483 x 133 x 533 mm)
- Weight 35 lbs (15.9kg) without disk drives; 59 lbs (27kg) with all disk drives installed