Product Sheet

XSTREAMSTORE
FIRESAFE

Description:
The XSTREAMSTORE FireSafe server consists of two heads in active-passive failover mode, equipped with 2 to 4 ports of 10Gb, 25Gb, 40Gb, or 100Gb.
As standard, it includes 1 to 7 JBODs.
The server's capacity is customizable.
The standard software RAID is configured with disk clusters organized in Z1 (RAID 5 equivalent).

The heads are 2U rack-mountable chassis, while the standard JBOD is a 4U unit.
The heads are equipped with 2 to 4 SAS 12Gb ports, depending on the number of JBODs to be managed.
Its operating system is installed on two mirrored SSDs on each head.
It features a standard 1 TB NVMe read cache per head.

It includes redundant 550W 80+ Platinum power supplies and three high-efficiency server-grade fans per head, with noise levels specifically optimized for quiet operation.
The JBODs are equipped with 80+ Platinum power supplies, with power varying based on the JBOD model.
Hard drives, SSDs, power supply units, JBOD controllers, and fans are all hot-swappable.

It is certified for Avid Media Composer collaborative workflow with the addition of complementary licenses.
Licenses are expandable on the fly.
The XSTREAMSTORE FireSafe server is expandable via extension chassis.

Key Points:
- Enterprise SAS drives for 24/7 operation, running at 7200 RPM.
- The system is configured in active-passive mode:
   >The storage pool is mounted on one controller; during failover, the pool is detached from the first controller and assigned to the second, with the same process for network configuration.
   >Each controller has its own interfaces. Network configuration is automatically replicated during failover.
- Full replication between both heads (network configuration, sharing protocols, user and group accounts).
- Customizable connectivity: 100Gb QSFP28, 40Gb QSFP+, 25Gb SFP28, 10Gb SFP+.

Additional Head Chassis Specifications :

Image for illustrative purposes only.

Dimensions (D x W x H): 560 x 430 x 88 mm
2U Height
Net Weight: 20.5 kg
Operating Temperature: 0°C to 50°C
Non-Operating Temperature: -40°C to 60°C
Relative Humidity (Operating): 5% to 95%, non-condensing
Power Supply: Redundant (1+1) 550W 80+ Platinum
Maximum Power Consumption: 300W

Optional 24-Bay JBOD :

Image for illustrative purposes only.

Dimensions (D x W x H): 385.5 x 438 x 174.4 mm
4U Height
Empty Net Weight: 25.93 kg
Maximum Full Net Weight: 40.33 kg
Operating Temperature: 5°C to 35°C
Non-Operating Temperature: -20°C to 60°C
Relative Humidity (Operating): 20% to 80%, non-condensing
Power Supply: Redundant (1+1) 550W 80+ Platinum (800W optional)
Maximum Power Consumption: 400W

Optional 78-Bay JBOD :

Image for illustrative purposes only.

Dimensions (D x W x H): 810.5 x 434 x 176 mm
4U Height
Empty Net Weight: 57.67 kg
Maximum Full Net Weight: 104.47 kg
Operating Temperature: 5°C to 35°C
Non-Operating Temperature: -20°C to 60°C
Relative Humidity (Operating): 20% to 80%, non-condensing
Power Supply: Redundant (1+1) 1600W 80+ Platinum
Maximum Power Consumption: 1200W