Technical Sheet

XSTREAMSTORE PRO

Description

The XSTREAMSTORE PRO server consists of 12 enterprise-grade 4TB hard drives, and comes standard with 2 x 10Gb RJ45 ports.
The server's capacity is 48TB raw, and 42TB usable in RAID Z1.
It is a 2U rackmount server with a global bandwidth of 1GB/s.
Its system is installed on 2 mirrored SSDs.
It has a redundant 550W 80+ Platinum power supply and 3 high-performance server-grade fans, designed with noise reduction in mind to ensure silent operation.
The hard drives, SSDs, power supplies, and fans are all hot-swappable.
It is **certified compatible with Avid Media Composer** and includes a collaborative Avid license server.Licenses are extensible on the fly.
XSTREAMSTORE production servers are compatible with all major operating systems, including Windows (Home, Workstation, and Windows Server), Mac OS (all generations), Linux, and derivatives.The XSTREAMSTORE server management interface is accessible via a web page.
The standard warranty for XSTREAMSTORE servers is 3 years.

The XSTREAMSTORE PRO server is expandable up to 20.16PB (20,160TB) through the addition of extension chassis connected via SAS connectors.

Key Features
- Enterprise-grade SAS hard drives for 24/7 operation, running at 7200 RPM
- Customizable connectivity: 100Gb QSFP28, 40Gb QSFP+, 25Gb SFP28, 10Gb SFP+
- ZFS file system natively supports snapshot, replication, and cloning functions
- Block-level data management for optimized performance and security
- Simple, intuitive administration interface, no prior training required
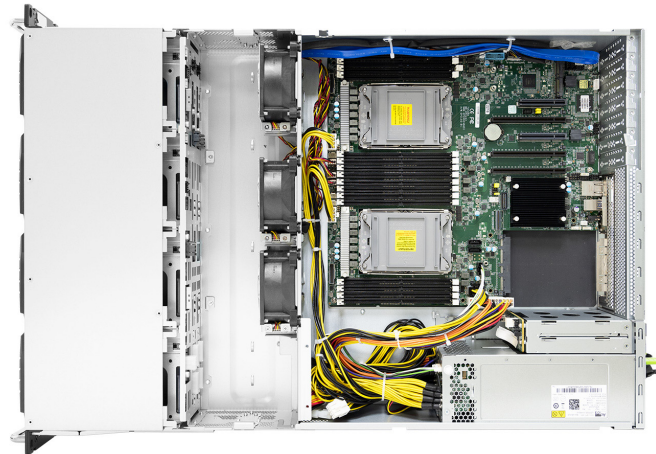- Easy connection via a lightweight and ergonomic client

Additional Chassis Specifications

Front Panel

Rear Panel

Backplane

Dimensions (L x W x H): 560 x 430 x 88 mm
Height: 2U
Net Weight: 27.5 kg
Operating Temperature: 5°C to 40°C
Non-operating Temperature: -40°C to 60°C
Operating Humidity: 20% to 80%, non-condensing
Power Supply: Redundant (1+1) 550W 80+ Platinum
Max Power Consumption: 400W