

Technical Sheet

XSTREAMSTORE THUNDER

Description

The XSTREAMSTORE Thunder server is composed of 36 enterprise-grade 6TB hard drives and comes standard with 2 x 10Gb RJ45 or SFP+ ports.

The server has a total capacity of 216TB gross, and 186TB usable in RAID Z1.

It is a 4U rack-mountable server with sustained total bandwidth of 3.2 GB/s. The system is installed on 2 mirrored SSDs.

It features a 512GB NVMe read cache as standard.

The server includes a redundant 1200W 80+ Platinum power supply and 3 high-performance server-grade fans, designed to be particularly quiet.

The hard drives, SSDs, power supplies, and fans are all hot-swappable.

It is **certified compatible with Avid Media Composer** and includes an Avid collaborative license server.

The licenses are scalable on the fly.

XSTREAMSTORE production servers are compatible with all operating systems, including Windows (Consumer, Workstation, and Windows Server), macOS (all generations), Linux, and derivatives. The server's administration interface is accessible via a web page.

The standard warranty for XSTREAMSTORE servers is 3 years.

The XSTREAMSTORE Thunder server is scalable via extension chassis, allowing up to an additional 20.16 PB (20160TB) with the addition of extension chassis connected via SAS interfaces.

Key Features

- Enterprise-grade SAS drives for 24/7 operation, running at 7200 RPM.
- ZFS file system with native support for snapshot, replication, and cloning features
- Block-level data management for optimized performance and security
- Simple and intuitive administration interface usable without prior training
- Easy connection with a lightweight and ergonomic client

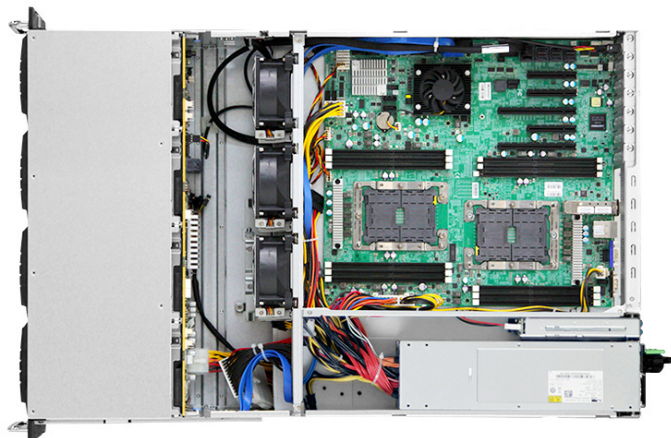
Additional Chassis Specifications



Front Panel



Rear Panel



Backplane

Dimensions (L x W x H): 680 x 435 x 175 mm

Height: 4U

Net Weight: 49.5 kg

Operating Temperature: 5°C to 40°C

Non-operating Temperature: -40°C to 60°C

Operating Relative Humidity: 20% to 80%, non-condensing

Power Supply: Redundant power supply (1+1) 1200W 80+ Platinum

Max Power Consumption: 1000W

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