Technical Sheet

XSTREAMSTORE NEUTRINO

Description

The XSTREAMSTORE Neutrino server consists of 24 enterprise-grade 1.92TB SATA SSDs and comes standard with 2 ports 10Gb RJ45 or SFP+.

The server has a raw capacity of 46TB and 37TB usable in RAID Z1.

It is a 2U rack-mounted server with a sustained global bandwidth of 12GB/s. The system is installed on 2 mirrored SSDs.

It features a standard 512GB NVMe read cache.

The server includes a redundant 800W 80+ Platinum power supply, along with 3 high-efficiency server-grade fans designed to be particularly quiet.

The 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 extensible on the fly.

The XSTREAMSTORE production servers are compatible with all OS: Windows (Consumer, 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 Neutrino server is expandable via extension chassis, adding up to 20.16PB more, with extension chassis connected via SAS connectors.

Key Features

- Enterprise SATA SSDs for 24/7 operation with 3 years of write endurance (1.92TB total rewrite per day for 3 years).
- 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 and intuitive administration interface, usable without prior training.
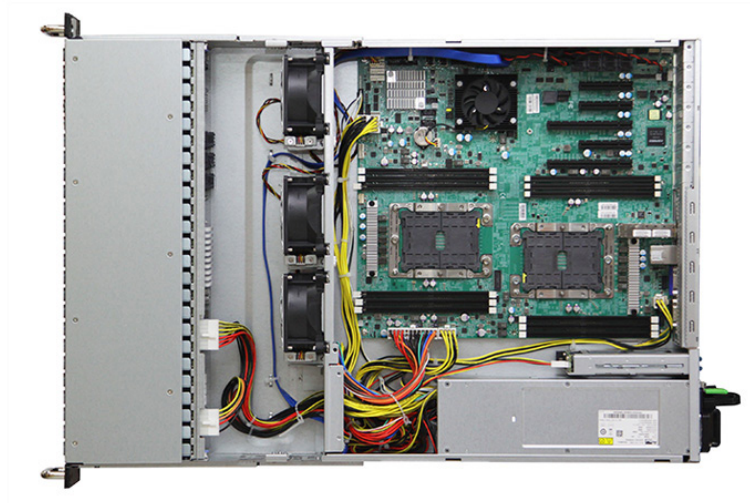- Easy connection through a lightweight and ergonomic client.

Additional Chassis Specifications

Front Panel

Rear Panel

Backplane

Dimensions (L x W x H): 645 x 430 x 88 mm
Height: 2U
Net Weight: 25.5 kg
Operating Temperature: 5°C to 40°C
Non-Operating Temperature: -40°C to 60°C
Relative Humidity (Operating): 20% to 80%, non-condensing
Power Supply: Redundant (1+1) 800W 80+ Platinum
Max Power Consumption: 600W