

# REDEFINING SCALABLE DATA STORAGE



## XTorSAN 1300 SERIES

Optimized for Performance-demanding applications.

### Key Benefits

#### Outstanding Performance

- Excellent performance with 12.8 GB/s and 1.3M IOPS
- Outstanding scale-up capability

#### Dependable Data Experience

- 99.9999% high availability design with no single point of failure
- Cache-to-flash to protect cache data in power outage
- Non-disruptive firmware upgrade ensures continuous data service with zero downtime

#### Versatile Connectivity

- Each controller with built-in 4-port 10 GbE (SFP+) and maximum 12 host ports allows direct connection to multiple hosts without switches
- Optional high-speed 25 GbE iSCSI and 32 Gb Fibre Channel host cards

#### Modern Simplicity

- XTORVAULT's flash-based storage management system, minimizes the learning curve and eases maintenance through an intuitive GUI
- Data can be accessed in 5 minutes after installation
- Wake-on-SAS allows you to remotely power on / off all cascaded XVTBOD expansion units for power saving

### Overview

The XTorSAN 1300 series is a block storage array optimized for sensitive SAN environments with a focus on outstanding performance, modern simplicity, and affordability to meet your workloads. The series is ideal for modern enterprise applications such as virtualization, media editing, large scale surveillance, and backup.

### Leading Density with Uncompromised Performance

The XTor range of SAN's with host cards allow the XVT1300 range to offer great flexibility with built-in 8-port 10 GbE iSCSI (SFP+) and up to 24 host ports in a dual-controller system, enabling direct connection to multiple hosts without switches. Additional host cards include 32 Gb / 16 Gb Fibre Channel and 25 GbE / 10 GbE iSCSI options. With the ability to deliver 1.3M IOPS and 12.8 Gb/s throughput, the new XTorSAN 1300 series has enough horsepower for even the most demanding workloads.

#### Virtualization



The XTorSAN 1300 series can deploy multiple virtual machines with high IOPS and low latency. Even under plenty of real-time access, the virtual machine servers will not slow down.

#### Media Editing



The XTorSAN 1300 series improves the production efficiency of synchronized media and produces more animations. The workstations will not cause excessive processing time due to real-time collaboration.

#### Large Scale Surveillance



High-definition cameras bring higher bandwidth requirements, increased write speeds and storage capacity. The XTorSAN 1300 series meets the performance requirements of thousands of cameras.

#### Backup



To protect against data loss and downtime events, XTORVAULT'S storage management system provides complete array-based backup functions including local backup and remote replication.

# GROW

# BIG

# UPTO 1836TB IN 4U\*

## Proven Simplicity - "Set and Forget" Data Services

XTORVAULT'S storage management system with intuitive GUI designs, helps to save time in storage deployment considerably. It also delivers enterprise storage features including complete RAID level protection, RAID EE with fast rebuild, thin provisioning, SSD cache, auto-tiering, and more. With the help of an intuitive dashboard and reporting system, managers can analyze business usage and monitor storage status in real time.

## High Availability and Enterprise Reliability

With the exponential growth of data, fast, stable, and easy to manage have become the foundation of modern IT. The XTorSAN 1300 series provides a complete storage solution that accelerates data transmission and simplifies the complex management process from construction to maintenance. Make enterprises focus on value creation instead of operation management.

### • Dual-Active Design

The XTorSAN 1300 series is a proven high availability SAN storage system with full redundancy in modular design. Its dual-active architecture and automatic failover / failback mechanism, enables the system to withstand critical situations.

### • Scale-up Solution

The XTorSAN 1300 provides massive scale-up capabilities by connecting XVTBOD or Western Digital® expansion units with up to 546\* disk drives or 16.7 PB\* raw capacity for future data growth.

### • Cache-to-Flash Memory Protection

The XTorSAN 1300 now offers battery-free cache backup, but instead uses compact flash and supercapacitors that have advantages over batteries to protect cached data during power outages.

## IsoVibe Patented Vibration Isolation Technology

Precise cuts in the baseboard provide a suspension for the drives in the chassis, isolating them from transmitted vibration. The result is that consistent performance is maintained, even when all the drives are working hard.

## Innovative ArcticFlow Thermal Zone Cooling Technology

By introducing cool air into the center of the chassis, drives operate at lower and more consistent temperatures, resulting in lower fan speeds, reduced vibration, lower power consumption, quieter operation and ultimately higher reliability.

## Designed for High Density and Flexibility

XVT-BD60 & XVT-BD102 hybrid storage platform is a key element of next-generation storage addressing the demanding storage needs of large enterprise customers, storage OEMs, cloud service providers, as well as resellers/integrators requiring dense HDD.

## Highlights

- JBOD options to accommodate 12/16/24/60 or Upto 102 Enterprise SAS HDDs
- Up to 1836TB raw capacity in 4U
- Dual-port SAS for high availability
- Enterprise-grade redundant and hot-swappable PSUs, I/O modules, and fans
- Rack-mounted top cover for quick and easy service
- Up to 12 x 12Gb/s SAS-3 host connections

