



High Capacity External RAID for SX-553 Archive Server

Functionality

- Fast Archive and Restore
- 120 TB, 180 TB & 240 TB options
- RAID60 for high redundancy
- Enterprise class SAS disks
- Redundant SAS connections
- Dual redundant power supplies

Overview

Adding a high capacity RAID cache to a XenData SX-550 Series archive server allows video content to be held on disk for fast restores together with one or more instances of the content on LTO or Sony Optical Disc Archive cartridges for reliable longterm storage.

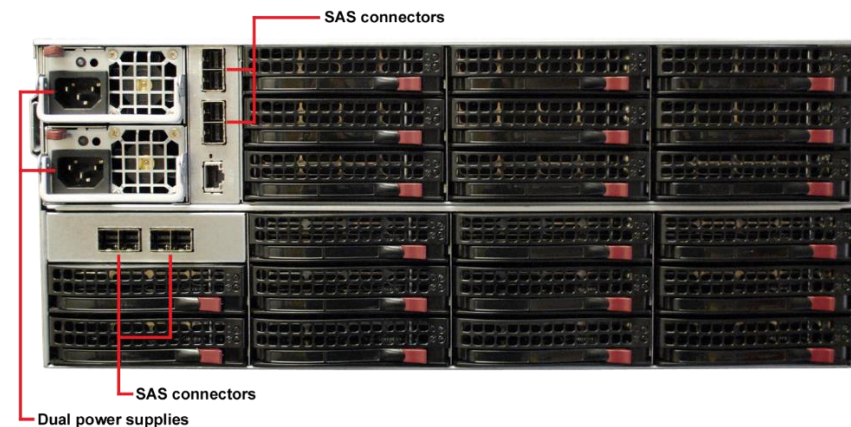
XenData high capacity external RAID employs a 44 bay LFF disk enclosure with 24 hot-swap bays accessible from the front and 20 hot-swap bays accessible from the rear. Available options are 120 TB, 180 TB or 240 TB usable capacities.

The RAID is managed by an enterprise class RAID controller that is installed in the SX-550 Series server, taking one PCIe slot. It has 12 Gb/s SAS connectivity and a 4 GB Flash Backed Write Cache (FBWC) that combines performance and reliability.

Front View



Rear View



Specifications

RAID

Disk bays:	44 hot-swap (24 front and 20 rear)		
Disk capacity, type:	Seagate Enterprise 6 TB SAS 7,200 rpm		
RAID configuration:	RAID 60		
Capacity options:	120 TB	180 TB	240 TB
Number of disks:	24	34	44
Connections to server:	External mini SAS (SFF 8644)		
Cooling:	7 hot-swap redundant cooling fans		
Number of power supplies:	2 redundant power supplies		
Power:	100-240V; 50-60 Hz; 6 – 12 Amp max		
Operation temperature:	41-95°F (5-35°C)		
Operation humidity:	8-90% non-condensing		
Form factor:	4U, 27.5" deep		
Dimensions (HxWxD):	7" x 17.2" x 27.5" (178mm x 437mm x 699mm)		
Weight – 240 TB configuration	75 lbs (11.5 Kg)		
Rack Rails:	Included		

Part Numbers

XenData SKU	Description
228013	<p>120 TB external RAID for use with SX-553 Archive Server. It has 24 x 6 TB disks in a RAID-60 configuration providing 120 TB of usable capacity. It consists of an external 4 RU disk array with dual redundant power supplies, a high performance RAID controller which takes one PCIe slot in the SX-553 server and interconnecting SAS cables.</p> <p>Warranty and Support: the disk array has 12 months advanced exchange warranty from XenData, the 6 TB disks are customer replaceable items and have 36 months warranty from XenData.</p>
228014	<p>180 TB external RAID for use with SX-553 Archive Server. It has 34 x 6 TB disks in a RAID-60 configuration providing 180 TB of usable capacity. It consists of an external 4 RU disk array with dual redundant power supplies, a high performance RAID controller which takes one PCIe slot in the SX-553 server and interconnecting SAS cables.</p> <p>Warranty and Support: the disk array has 12 months advanced exchange warranty from XenData, the 6 TB disks are customer replaceable items and have 36 months warranty from XenData.</p>
228015	<p>240 TB external RAID for use with SX-553 Archive Server. It has 44 x 6 TB disks in a RAID-60 configuration providing 240 TB of usable capacity. It consists of an external 4 RU disk array with dual redundant power supplies, a high performance RAID controller which takes one PCIe slot in the SX-553 server and interconnecting SAS cables.</p> <p>Warranty and Support: the disk array has 12 months advanced exchange warranty from XenData, the 6 TB disks are customer replaceable items and have 36 months warranty from XenData.</p>

Additional Information

For further information, please contact XenData.

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