

## Omneon MSS Series MediaStore



**MSS Series MediaStore**

The MSS Series MediaStore integrates up to sixteen Fibre Channel disk drives into a compact three RU chassis. Drives in the MediaStore enclosure are connected via two integral Fibre Channel Switches and up to three MediaStores can be daisy-chained per any single Fibre Channel Arbitrated Loop. The Omneon MediaDirectors supply from two to six Fibre Channel interfaces to connect to the MediaStores. The MediaStore supports Fibre Channel operation at either 2 Gbps or 4 Gbps, depending on the capabilities of the MediaDirectors and other MediaStores in the system. Every MSS Series MediaStore includes dual redundant power supplies with integral fans, SES support, and dual Fibre Channel switches for interconnection with MediaDirectors or additional MediaStores.

### MSS Series MediaStore Specifications

Parameter	Specification	Detail
<b>Drives</b>	Drives Supported Host Interface Drive Interface	Up to 16 4 Gbps Fibre Channel drives 4 Gbps Fibre Channel Arbitrated Loop 4 Gbps Fibre Channel
<b>Environmental</b>	Operational Temperature Operational Relative Humidity Altitude	+40F to 104F (+5C to 40C) 20% - 80% non-condensing 0 to 7,000 feet (0 to 2133 meters)
<b>Shock</b>	Operational Non-Operational	5g 10 ms ½ sine 30g 10 ms ½ sine
<b>Vibration</b>	Operating Non-Operating Relocation	Random 0.21 grms 5-500 Hz Random 1.04 grms 2-200 Hz Swept Sine 0.3g 2-200 Hz
<b>EMC</b>	Approvals	UL and cUL listed. Tested to UL/IE/EN 60950. Certified Body Certificate & Report to IEC60950. CE marked to the requirements of the Low Voltage Directive 73/23/EEC and the Electromagnetic Compatibility Directive 89/336/EEC. FCC Class A EMC: EN55022/EN61000-3-2; EN61000-3-3
<b>Dimensions</b>	Width Height Depth	482.6 mm (19.0 inches) (1 EC Rack Compliant) 130 mm (5.12 inches) (3 EIA Units) 551 mm (21.7 inches)
<b>Weight</b>		35 kilograms (77.6 lbs)
<b>Power</b>	Redundant power supplies, hot swappable	100 to 240 volts, 48-62 Hz, 450 watts

## ■ PRODUCT SPECIFICATION

### Each MSS Series MediaStore 4000 includes the following features:

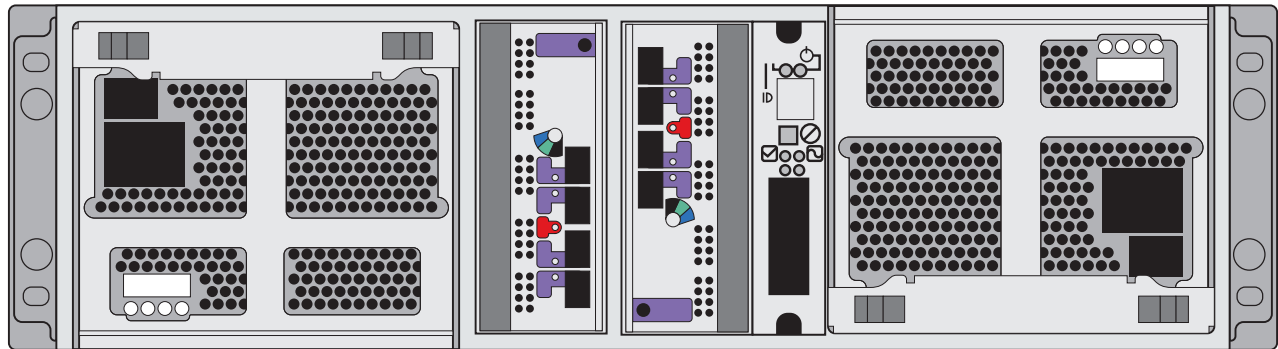
- Redundant power supplies, hot swappable, with separate power cables. Redundant fans integral to the power supply module. Dual Fibre Channel controllers.
- 16 disk drive capacity, using 1-inch high-performance, hot swappable 4 Gbps Fibre Channel drives.
- SCSI Enclosure Service (SES) support. Additional drive diagnostic and error correction capabilities when integrated with Omneon Spectrum™ system.
- 2 power cords 1.83 meters (6ft.)

### Supported Configurations

Part Number	Size of Drives in GB	Total Content Storage in GB
<b>MSS-4272c</b>	300	3508
<b>MSS-4272d</b>	450	5238
<b>MSS-4272e</b>	600	7016

### Optional Accessories and Spare Parts

Part Number	Description
<b>FCA-115-0F</b>	Fibre Channel Cable Kit, LC to LC optical fiber cable, 1m w/ 2 LC 4 Gbps SFP's
<b>FCA-315-0F</b>	Fibre Channel Cable Kit, LC to LC optical fiber cable, 3m w/ 2 LC 4 Gbps SFP's
<b>SP-0082-001</b>	Power Supply Module for MSS-4000 Series MediaStore
<b>SP-0083-001</b>	FC-AL Controller for MSS-4000 Series MediaStore
<b>SP-0072-001</b>	4 Gbps Fibre Optic SFP for MediaDirector 2102B and MSS-4000 Series MediaStore
<b>SP-0081-001</b>	MSS-4000 Series MediaStore Chassis without drives



MSS Series MediaStore – Rear Panel View

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