

OMNEON MSC-4000 SERIES MEDIASTORE

The **MSC-4000 Series** is a Fibre Channel disk array housed in a compact chassis. Drives are linked on one or two Fibre Channel Arbitrated Loops (FC-AL). Up to four MEDIASTORES can be daisy-chained or connected through ports on a Fibre Channel hub on each of three FC-AL loops supported by the MCP 2001 and MCP 2101 series MEDIASERVERS. Each MEDIASTORE chassis contains dual redundant power supplies (with integral fans) and Fibre Channel controllers for interconnection with MEDIASERVERS within the Omneon Media Server System.



MSC 4000 Series — Front Panel View

Each MSC 4000 Series chassis includes the following standard features:

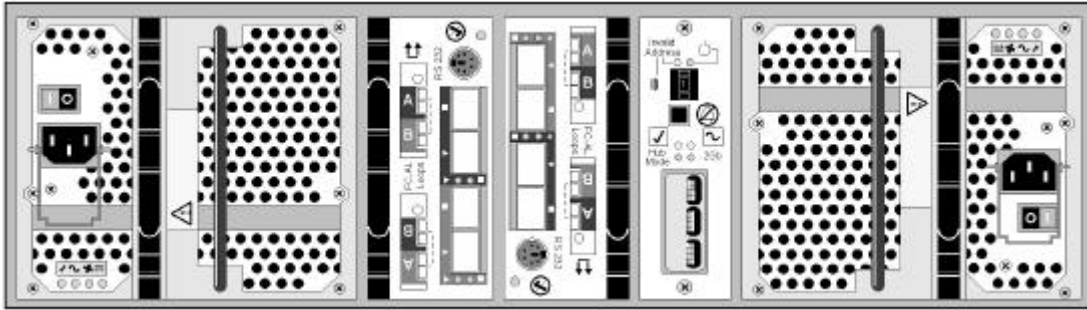
- Redundant power supplies, hot-swappable, with separate power cables. Redundant fans integral to power supply module
- 16 disk drive capacity (1 inch high-performance, hot-swappable Fibre Channel drives)
- Dual Fibre Channel controllers (options for copper or optical SFP)
- SCSI Enclosure Service (SES) support, facilitating identification of error conditions within the enclosure.

MSC 4000 Supported Configurations

There are five supported configurations of the single-chassis MSC 4000 MEDIASTORE:

MSC 4000 Supported Configurations

Part #	# Drives	RAID Set	Hot Spare	Capacity per Drive	Storage Capacity
MSC 4180a	8	7+1	0	73 GB	498 GB
MSC 4181a	9	7+1	1 (standard)	73 GB	498 GB
MSC 4280a	16	2 * (7+1)	0	73 GB	996 GB
MSC 4171a	8	6+1	1	73 GB	427GB
MSC 4272a	16	2 * (6+1)	2 (1 per RAID set)	73 GB	854GB



MSC 4000 Series — Rear Panel View

MSC 4000 Series Specifications

Parameter	Specification	Detail
Drives	Drives Supported Host Interface, Drive Interface HDD Termination	8 to 16 (depending upon configuration) 1 or 2 GB FC-AL Automatic Termination
Environmental	Operating Temperature Relative Humidity Altitude	+40°F to 104°F (+5°C to 40°C) 20% - 80% non-condensing (operating) 0 to 10,000 feet (0 to 3047m)
Shock	Operational Non-Operating	Vertical axis, 5g peak 1/2 sine, 10 ms 30g 10ms 1/2 sine
Vibration	Operating Non-Operating Relocation	0.21 grms 5 – 500 Hz Random 1.04 grms 2 – 200 Hz Random 0.3g 2 – 200 Hz Sine
EMC Safety	EN55022 (CISPR - A), FCC A CE, UL, cUL	CE to IEC 950/EN60951
Dimensions	W: 44.6 cm (17.5 inches) H: 13.4 cm (5.25 inches) D: 50.0 cm (19.7 inches)	W: 19.0 inches with rack ears, IEC Rack Compliant H: 3RU D: To chassis rear, excluding module handles
Weight	37 kg. (81 lbs)	Rack Mount
Power	100-120 / 200-240 VAC, 7 / 3.5 Amp	Redundant power supplies, hot-swappable.
Power Factor	> 0.98	