

FSAe-2

The FSAe-2 (2U Flash Storage Array Expansion) provides 51.2TB Flash storage through eight SanDisk ioMemory PCIe boards. The FSAe-2 cables to one or two host computers through PCIe x16 Gen3 connections operating at 128Gb/s bandwidth. The low-profile, half-length cable adapters support low latency and extreme bandwidth to the ioMemory.

PN: OSS-FSA-2U

Features

- 2U High
- Up to eight Fusion ioMemory-SX300 each with 6.4TB of Flash Storage
- One or two Rear Panel PCIe x16 Gen3 Interfaces
- Remote System Monitoring Capability; monitor fans, temperature and voltages
- Dual redundant 1620-watt Power Supplies
- Superior Cooling with four temperature controlled fans



Specifications

Enclosure	
Dimensions	3.5"H x 17"W x 22.25" D Removable front bezel with air filter Front Panel LEDs
Capacity	Up to eight Fusion ioMemory-SX300
Power Supply	Dual Redundant 1620-watt power supplies (internal)
Expansion	One or two PCIe x16 1-meter cable(s), and One or two PCIe x16 3.0 cable adapter(s)
Cooling	Four 132 CFM Fans (removable)
Operating Environment	1-35°C 10-90% relative humidity 0-10,000 feet above sea level
Storing Environment	-40 to 85°C Any relative humidity 0-50,000 feet above sea level
Agency Compliance	Pending; FCC Class A CE RoHS

Fusion ioScale 6.4TB	
NAND Type	MLC (Multi Level Cell)
Read Bandwidth (GB/s)	2.7
Write Bandwidth (GB/s)	2.1
Ran. Read IOPS (4K)	285,000
Ran. Write IOPS (4K)	385,000
Read Access Latency	92 µs
Write Access Latency	15 µs
Bus Interface	PCIe 2.0 x8
Endurance (PBW)	22
Weight	7.25 ounces
Form Factor	Standard Height, Half-Length
Operating Systems	Microsoft Windows: Windows Server 2012 R2, Windows Server 2012, Windows 2008 R2 SP1 Linux: RHEL 5/6; SLES 11; OEL 5/6; CentOS 5/6; Debian Squeeze; Ubuntu 12/13 UNIX: Solaris 11.1/11 x64; Solaris 10 U11 x64 Hypervisors: VMware ESXi 5.0/5.1/5.5, Windows Server 2012 with Hyper-V, Windows Server 2012 R2 with Hyper-V