

FSAe-3

The FSAe-3 (3U Flash Storage Array Expansion) provides 204.8TB Flash storage through thirty-two SanDisk ioMemory PCIe boards. The FSAe-3 cables to one to four 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-3U

Features

- 3U High
- Four removable canisters with eight flash memory cards each
- Fully IPMI v2.0 compliant monitoring, control & alarming system
- Two 1,200-watt rear removable, hot-swap supplies
- Superior Cooling with four 80 x 80 x 38mm fans on the rear of the enclosure
- Up to four PCIe x16 cable inputs to rear of enclosure



Specifications

Agency Compliance	Designed to meet the following agency certifications with testing currently pending: <ul style="list-style-type: none"> • FCC - Part 15 of the FCC Rules, Class A, 47CFR • Canada ICES-003, issue 4, Class A • UL/IEC 60950-1 • Canada: CSA C22.2 No. 60950-1 • Argentina: IEC60950-1 • Japan: VCCI, Class A • Australia/New Zealand AS/NZS CISPR 22, Class A • IEC 60950-1 (CB Certificate and CB Test Report) • CE Mark (EN55022 Class A, EN60950-1, EN55024, EN61000-3-2, EN61000-3-3) • CISPR 22, CISPR 24, Class A • CE Emissions 2004-108EC • RoHS compliance (Directive 2002/95/EC) • CCN NWWGQ, NWWGQ7
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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