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Highest Transaction Rate/GB/Cost

Maximize Hyperscale Server Flash Capacity

Proven Flash Memory

Capacity	ioScale 410GB	ioScale 825GB	ioScale 1650GB	ioScale 3.2TB
NAND Type	MLC (Multi Level Cell)	MLC (Multi Level Cell)	MLC (Multi Level Cell)	MLC (Multi Level Cell)
Read Bandwidth (1MB)	1.4 GB/s	1.4 GB/s	1.4 GB/s	1.5 GB/s
Write Bandwidth (1MB)	700 MB/s	1.1 GB/s	1.1 GB/s	1.3 GB/s
Ran. Read IOPS (512B)	78,000	135,000	144,000	115,000
Ran. Write IOPS (512B)	535,000	535,000	535,000	535,000
Ran. Read IOPS (4K)	73,000	130,000	130,000	115,000
Ran. Write IOPS (4K)	160,000	235,000	235,000	243,000
Read Access Latency	77 μ s	77 μ s	77 μ s	92 μ s
Write Access Latency	19 μ s	19 μ s	19 μ s	19 μ s
PBW (typical)	2	4	8	20
Weight	5.5 ounces			9.5 ounces
Form Factor	Half-height, half-length			Full-height, half-length
Operating Systems	<i>Microsoft Windows:</i> 64-Bit Microsoft Server 2012, Server 2008 R2, Server 2008, Server 2003 <i>Linux:</i> RHEL 5/6; SLES 10/11; OEL 5/6; CentOS 5/6; Debian Squeeze; Fedora 16/17; openSUSE 12; Ubuntu 10/11/12 <i>Hypervisors:</i> VMware ESX 4.0/4.1/ESXi 4.1/5.0/5.1, Windows 2008 R2 with Hyper-V, Hyper-V Server 2008 R2			

AGENCY

US / Canada	FCC Title 47, Part 15 Subpart B, Class A, CAN ICES-3 (A) NMB-3(A)
Europe	EN 55022: 2010, EN 61000-3-2: 2006 plus A1:2009 & A2:2009, EN 61000-3-3: 2008, EN 55024: 2010
Japan	VCCI V-2/2009.04 & EN 55022 (2006) A1 (2007) Class A
Taiwan	BSMI CNS 13438/EN 55022 (2006)A1 (2007) Class A
Australia/New Zealand	C-Tick-CISPR 22: 2009 plus A1:2000 & A2:2002 Class A
Korea	KN22 Class A & KN24 Class A, KCC-REM-FIO-ioScale2
Low Voltage Directive Testing	EN 60950-1:2006 +A1:2010 +A11:2009 +A12:2011 IEC 60950-1:2005 ed2 +A1:2009
RoHS	DIRECTIVE 2011/65/EU

STANDARDS

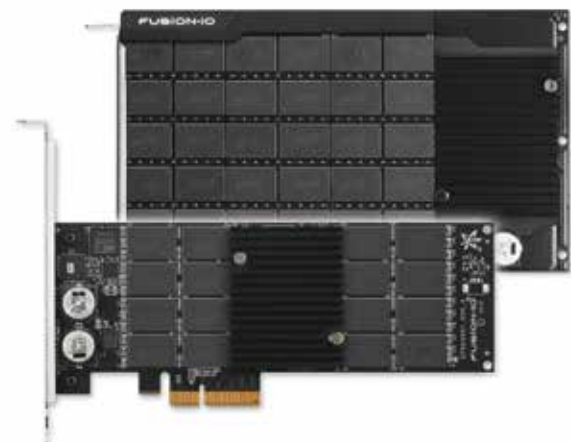
ioScale 410GB-1650GB Connectivity	PCI Express 2.0 x4 electrical x4 physical
ioScale 3.2TB Connectivity	PCI Express 2.0 x4 electrical x8 physical

ENVIRONMENTAL SPECIFICATIONS

		Min	Max
Ambient / Controlled IT environment	Operational	0°C*	55°C*
	Non-operational	-40°C*	70°C*
Power Requirements			25 W
Air Flow (LFM)		300	
Humidity (%)	Non-condensing	5	95
Altitude	Operational		10,000
	Non-operational		30,000

* Temperature derated 1 C per 1000 ft elevation above sea level

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