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Tuned to accelerate multi-threaded applications | Easily RAID multiple ioFX together | Architected for Workstations

Capacity	ioFX 410GB	ioFX 1.6TB
NAND Type	MLC (Multi Level Cell)	MLC (Multi Level Cell)
Read Bandwidth (1MB)	1.4 GB/s	1.4 GB/s
Write Bandwidth (1MB)	700 MB/s	1.1 GB/s
Ran. Read IOPS (512B)	78,000	144,000
Ran. Write IOPS (512B)	535,000	535,000
Ran. Read IOPS (4K)	73,000	130,000
Ran. Write IOPS (4K)	160,000	235,000
Read Access Latency	77 μ s	77 μ s
Write Access Latency	19 μ s	19 μ s
PBW (typical)	2	8
Weight	5.5 ounces	
Form Factor	Half-height, half-length	
Supported Operating Systems	Microsoft Windows: 64-Bit Microsoft Server 2012, Server 2008 R2, Server 2008, Server 2003, Windows 8, Windows 7 OSX: 10.6 (Snow Leopard), 10.7 (Lion), 10.8 (Mountain Lion) Linux: RHEL 5/6; SLES 10/11; OEL 5/6; CentOS 5/6; Debian Squeeze; Fedora 16/17; openSUSE 12; Ubuntu 10/11/12; FreeBSD 8/9 Hypervisors: 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 B, CAN ICES-3 (B) NMB-3(B)
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 B
Taiwan	BSMI CNS 13438/EN 55022 (2006)A1 (2007) Class B
Australia/New Zealand	C-Tick-CISPR 22: 2009 plus A1:2000 & A2:2002 Class B
Korea	KCC-REM-FIO-ioFX
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

Connectivity	PCI Express 2.0 x4 electrical x4 physical
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ENVIRONMENTAL SPECIFICATIONS

		Min	Max
Temperature Ambient ^{1 2}	Operational	0°C	35°C
	Non-operational	-40°C	70°C
Power Requirements			25 W
Air Flow (LFM) ³	Active cooling	0	
Humidity (%)	Non-condensing	5	95
Altitude	Operational	-1,000	10,000
	Non-operational	-1,000	30,000

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

² 35° C max inlet temp to the ioFX fan

³ ioFX is designed for workstation platforms only. The ioFX fan provides necessary airflow, which is required for normal operation in workstation environments.



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