



PCIe Application Acceleration

Fusion ioMemory™

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

Model Number	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 µs	77 µs
Write Access Latency	19 µs	19 µs
PBW (typical)	2	8
Weight	5.5 ounces	
Form Factor	Half-height, half-length	
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	

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For more information, please visit:
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At SanDisk, we're expanding the possibilities of data storage. For more than 25 years, SanDisk's ideas have helped transform the industry, delivering next generation storage solutions for consumers and businesses around the globe.

951 SanDisk Drive | Milpitas | CA 95035 | USA

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

Environmental Specifications

	Min	Max	
Temperature^{1,2}	Operational	0°C	55°C
	Non-operational	-40°C	70°C
Power Requirements		25 W	
Air Flow (LFM)³		0	
Humidity (%)	Non-condensing	5	95
	Operational	-1,000	10,000
Altitude (ft)	Operational	-1,000	30,000
	Non-operational	-1,000	30,000

Specifications subject to change without notice. Performance results are based on internal testing and use. Results and performance may vary according to configurations and systems, including drive capacity, system architecture and applications.

1 Temperature derated 1°C per 1000 ft elevation above sea level
 2 55° C max inlet temp to the Fusion ioMemory fan
 3 Fusion ioMemory is designed for workstation platforms only. The Fusion ioMemory fan provides necessary airflow, which is required for normal operation in workstation environments.