

ioDrive®



- > Achieve latency as low as 26µs
- > Easily RAID multiple ioDrives together
- > Managed like simple block storage

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ioDrive Capacity	160GB	320GB	320GB	640GB
NAND Type	SLC (Single Level Cell)	SLC (Single Level Cell)	MLC (Multi Level Cell)	MLC (Multi Level Cell)
Read Bandwidth (64kB)	770 MB/s	770 MB/s	735 MB/s	750 MB/s
Write Bandwidth (64kB)	750 MB/s	790 MB/s	510 MB/s	550 MB/s
Read IOPS (512 Byte)	140,000	140,000	100,000	93,000
Write IOPS (512 Byte)	135,000	135,000	141,000	145,000
Mixed IOPS (75/25 r/w)	123,000	119,000	67,000	74,000
Access Latency (512 Byte)	26 µs	26 µs	29 µs	30 µs
Bus Interface	PCI-Express x4			
Operating Systems	64-Bit Microsoft XP/Vista/Win7/Server 2003/Server 2008, RHEL 4/5/6, SLES 10/11, OEL v5, VMware ESX 4.0/4.1/ESXi 4.1, Solaris 10 U8/U9			

AGENCY

US / Canada	ANSI C63.4/EN 55022/ CNS 13438, Radiated and Conducted Emissions Class A EN 55024 Immunity EN 55022 Class A
Europe	2004/108/EC EMC Directive CE IEC 61000 Class A Mark
Japan	VCCI - V-2/2009.04
Taiwan	BSMI - CNS 13438 / EN 55022 class A
New Zealand/Australia	AS/NZS CISPR22:2006 / 47CFR Part 15, Radiated and Conducted Emissions Class A
Korea	KCC - FIO-IODRIVE (Class A)
RoHS	RoHS - EU Directive 2002/95/EC

STANDARDS

Form Factor	Low profile PCI Express x4 slot (spec 1.1)
Connectivity	PCI Express x4 (electromechanical spec 1.1)
Power	PCI Express x4 (power spec 1.1)

ENVIRONMENTAL SPECIFICATIONS

		Min	Max
Temperature (C)*	Operational	0	55
	Non-operational	-40	70
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

100% Designed and Assembled in the U.S.A.



FUSION-io®