

ioDrive[®] Octal



- > Sustain over 1 Million I/Os per second
- > Achieve latency as low as 30 μ s
- > Managed like simple block storage

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ioDrive Octal Capacity	5.12TB	10.24TB
NAND Type	MLC (Multi Level Cell)	MLC (Multi Level Cell)
Read IOPS (512 B)	1,190,000	1,300,000
Write IOPS (512 B)	1,180,000	1,240,000
75/25 Mix IOPS (512 B)	729,000	561,000
Read Bandwidth (64 kB)	6.0 GB/s	6.7 GB/s
Write Bandwidth (64 kB)	4.4 GB/s	3.9 GB/s
Access Latency (512 Byte)	30 μ s	45 μ s
Bus Interface	PCI-Express x16 Gen2.0	PCI-Express x16 Gen2.0
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/ESXi 5, 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	PCI Express x16 Gen 2.0 Double Wide
Connectivity	PCI Express electromechanical spec 2.0
Power	PCI Express power spec 2.0
Max Power Consumption	150w
Required Power Connections	(1) 8-Pin PCIe 150w connector or (2) 6-Pin PCIe 75w connectors

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.



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