ioDrive Duo™

> Sustain over 250,000 I/Os per second
> Easily RAID multiple ioDrive Duo's
> Half length easily fits most servers

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ioDrive Duo Capacity	320GB	640GB	1.28TB
NAND Type	SLC (Single Level Cell)	MLC (Multi Level Cell)	MLC (Multi Level Cell)
Read Bandwidth (64kB)	1.5 GB/s	1.5 GB/s	1.5 GB/s
Write Bandwidth (64kB)	1.5 GB/s	1.0 GB/s	1.1 GB/s
Read IOPS (512 Byte)	261,000	196,000	185,000
Write IOPS (512 Byte)	262,000	285,000	278,000
Mixed IOPS (75/25 r/w)	238,000	138,000	150,000
Access Latency (512 Byte)	26 µs	29 µs	30 µs
Bus Interface	PCI-Express x4 / x8 or PCI Express 2.0 x4	PCI-Express x4 / x8 or PCI Express 2.0 x4	PCI-Express x4 / x8 or PCI Express 2.0 x4
Operating Systems	64-Bit Microsoft Server 2003/2008, 64-Bit Microsoft Windows XP/Vista/Win7, RHEL 4/5, SLES 10/11, OEL v4/v5		

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 DUO (Class A)
RoHS	RoHS – EU Directive 2002/95/EC

STANDARDS

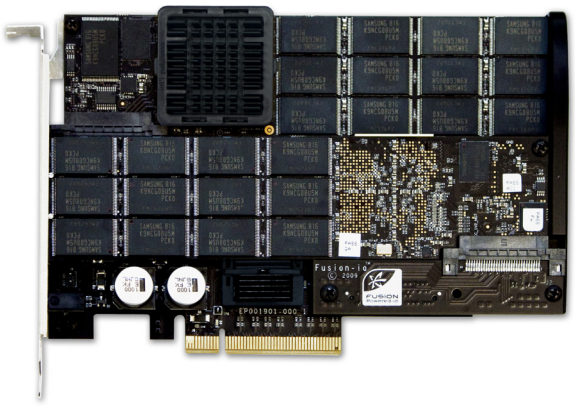
Form Factor	Full height, Half length PCI Express 2.0
Connectivity	PCI Express electromechanical spec 2.0
Power	PCI Express power spec 2.0

ENVIRONMENTAL SPECIFICATIONS

		Min	Max
Temperature (°C)*	Operational	0	55
	Non-operational	-40	70
Air Flow (LFM)		300	
Humidity (%)	Non-condensing	5	95
Altitude (ft)	Operational		10,000
	Non-operational		30,000

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

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



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