



- > Less than 50  $\mu$ s latency
- > Easily RAID multiple ioDrives together
- > Managed like simple block storage

ioDrive Capacity	80GB	160GB	320GB
NAND Type	Single Level Cell (SLC)	Single Level Cell (SLC)	Multi Level Cell (MLC)
Write Bandwidth	550 MB/s (random 16K)	600 MB/s (random 16K)	500 MB/s (random 8K)
Read Bandwidth	700 MB/s (random 16K)	700 MB/s (random 16K)	700 MB/s (random 32K)
IOPS	102,000 (random 4k reads) 91,000 (random 4k writes) 88,000 (70/30 random 4k mix)	102,000 (random 4k reads) 101,000 (random 4k writes) 95,000 (70/30 random 4k mix)	60,000 (random 4k reads) 79,000 (random 4k writes) 65,000 (70/30 random 4k mix)
Access Latency	50 $\mu$ s Read	50 $\mu$ s Read	80 $\mu$ s Read
Bus Interface	PCI-Express x4	PCI-Express x4	PCI-Express x4
Weight	Less than 2 ounces	Less than 2 ounces	Less than 2 ounces
Operating Systems	RHEL 4 & 5; SLES 9 & 10 Microsoft 64-Bit Windows*	RHEL 4 & 5; SLES 9 & 10 Microsoft 64-Bit Windows*	RHEL 4 & 5; SLES 9 & 10 Microsoft 64-Bit Windows*
Wear Leveling and Sophisticated ECC (@ 5-TB write-erase / day)	24yrs	48yrs	16yrs

\* 64-Bit Windows XP, Vista, Server 2003 & 2008

### 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 (ft)	Operational		10,000
	Non-operational		30,000

\* Temperature derated 1 C per 1000 ft elevation above sea level

### SAFETY

US / Canada	UL60950, CSA C22.2 No.60950-1-03
Europe	TUV EN60950-1:2001; 3N50825-1:

100% Assembled in the U.S.A.

### AGENCY

US / Canada	FCC Part 15, ICES-003, Class A
Europe	2004/108/EC EMC Directive CE Mark;
Japan	VCCI, Class A
Taiwan	BSMI, Class A
New Zealand /Australia	AS/NZS 3548 Class A
RoHS	R5 (Directive 2002/95/EC)

