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Cloud Disk Drive 4U Rackmount Chassis

Extremely High Performance Offers PCI-Express 3.0 x16

PRODUCT OVERVIEW

Cloud Disk Drive 4U Rackmount Chassis with DRAM-based storage solution delivers a top of the range mission-critical intensive workload acceleration. This storage solution supports up to 256GB RAM capacity to maximize desired performance and greater efficiency in business.

It is designed to eliminate I/O bottlenecks by intelligently optimizing data access across the exclusive controller. The Cloud Disk Drive family of products satisfies a performance intention to combine an environment innovation with eco-economic and secure solutions. Its transfer rate is beyond random limits to enhance a sustained peak and stable performance.

MAIN FEATURES

- Extremely high-speed up to 128Gbps PCIe 3.0 x16 host connectivity
- Capable of up to 6 slots for a single-slot PCIe card
- High cost effective solutions to expand I/O capabilities
- Multi function capacity for OEM customization
- Application friendly for ease of integration
- Tier 0 with superior high performance

ORDERING INFORMATION

- Storage Turbo 128GB (P/N: CDD101128US0)
- Storage Turbo 192GB (P/N: CDD101192US0)
- Storage Turbo 256GB (P/N: CDD101256US0)
- Cache Pro 128GB (P/N: CDD101128UC0)
- Cache Pro 192GB (P/N: CDD101192UC0)
- Cache Pro 256GB (P/N: CDD101256UC0)

Specification

Model	STORAGE TURBO			CACHE PRO		
Main Capacity	128GB	192GB	256GB	128GB	192GB	256GB
DRAM Certificate	ALLONE Certified					
Backup Capacity	192GB Micro SD Cards	288GB Micro SD Cards	384GB Micro SD Cards	N/A	N/A	N/A
Micro SD Cards Data Retention	RAID 5			N/A		
Power Capacity	3000mA	3000mA	3000mA	3000mA	3000mA	3000mA
Bus Interface	PCI-Express 3.0 x8	PCI-Express 3.0 x8	PCI-Express 3.0 x16	PCI-Express 3.0 x8	PCI-Express 3.0 x8	PCI-Express 3.0 x16
Dimensions	448(D) x 482(W) x 177(H)mm					
LED Status	On = no problem, Blink = error			N/A		
Performance						
Transfer Rate	R : 2500 MB/s W: 2250 MB/s	R : 3400 MB/s W: 3040 MB/s	R : 4400 MB/s W: 4000 MB/s	R : 2500 MB/s W: 2250 MB/s	R : 3400 MB/s W: 3040 MB/s	R : 4400 MB/s W: 4000 MB/s
Access Latency	16.5 μ s	16.5 μ s	16.5 μ s	20 μ s	20 μ s	20 μ s
Endurance	Unlimited					
Warranty	3 years (1 year for Battery)					
Environmental Specifications						
Power Consumption (Active/Idle)	7.2W/6.4W			7.2W/5.8W		
Operating Temperature	0°C-70°C					
Operating Systems						
Microsoft Windows	Win Server 2003, 2008, 2008 R2, 2012, 2012 R2/Win 7, 8, 8.1					
Linux	Ubuntu, CentOS, RHEL, SUSE			N/A		
UNIX	Solaris 10U10/11.1			N/A		
Hypervisors	VMware 4.x/5.x					
Agency Certification						
US/CANADA	FCC Part 15 Subpart B					
Europe	EN 55022: 2010, Class B EN 55024: 2010 EN 61000-3-2: 2006 + A1: 2009 + A2: 2009 EN 61000-3-3: 2013					

All product specifications and information are subject to change without notice.

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