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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			ALLONE Certified		
Micro SD Cards Backup Capacity	192GB / 288GB / 384GB Micro SD Cards			N/A		
Micro SD Cards Data Retention	RAID 5			N/A		
Power Capacity	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			448(D) x 482(W) x 177(H)mm		
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			20 μ s		
Endurance	Unlimited			Unlimited		
Environmental Specifications						
Power Consumption (Active/Idle)	7.2W/5.8W			7.2W/6.4W		
Operating Temperature	0°C-70°C			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			VMware 4.x/5.x		
Agency Certification						
US/CANADA	FCC Part 15 Subpart B			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					

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