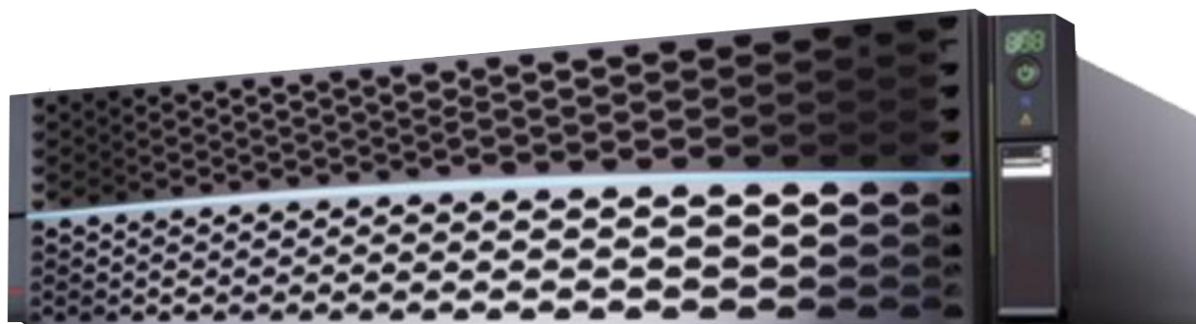# OceanStor 5210-G/5310-G/5510-G/5610-G Hybrid Flash Storage Systems

GLORY

■▪ Product Overview

In the context of new-generation data centers, various business types such as cloud, distributed databases, and containers are emerging rapidly, placing higher demands on the agility of enterprise IT systems. OceanStor-G hybrid flash storage offers five innovative fusion capabilities. Beyond fully meeting current data storage requirements, it introduces multiple fusion methods, including multi-protocol fusion, storage-computing fusion, cross-generation fusion, hot/warm data fusion, and multi-cloud fusion. This provides customers with an ideal option for the agile deployment of future business needs.

■▪ Technical Specification

Product Model	OceanStor 5210-G	OceanStor 5310-G	OceanStor 5510-G	OceanStor 5610-G
Hardware Specifications				
Maximum Cache (dual control, expandable with controller)	128GB-512GB	128GB-2TB	384GB-4TB	768GB-8TB
Supported Storage Protocols	FC, iSCSI, NFS, CIFS, SMB	FC, iSCSI, NFS, CIFS, FC-NVMe, NVMeoverRoCE, NFSoverRDMA, FTP, HTTP, NDMP, S3, SFTP		
Front End Channel Port Type	8/16/32GbpsFC, 1/10/25GbpsEthernet	8/16/32GbpsFC/FC-NVMe, 1/10/25/40/100GbpsEthernet, 25GbpsNVMeoverRoCE/NFS over RDMA	8/16/32GbpsFC/FC-NVMe, 1/10/25/40/100GbpsEthernet, 25Gbps/100GbpsNVMeoverRoCE/NFS over RDMA	
Backend Channel Port Type	SAS 3.0	100Gbps RDMA/SAS3.0		
Maximum Number of Hot-swappable I/O Modules/Control Frame	4	6	12	
Maximum Number of Front Host Interfaces/Control Frames	28	40	48	
Hard Disk Type	SAS TLC SSD, SAS, NL-SAS	NVMe TLC SSD, SASTLCSSD, SAS, NL-SAS		
Software Specifications				
RAID Support	RAID10,RAID5,RAID6andRAID-TP(tolerate 3 disks failing at the same time) etc.			
Electrical Specifications				
Power Supply	100V to 240VAC±10%, 192V to 288VDC, -38.4V to -75VDC			200V to 240VAC±10%, 192V to 288VDC
Dimensions (L×W×H)	2.5 inch control frame: 520mm×410mm×86.1mm 3.5 inch control frame: 600mm×447mm×86.1mm	2.5 inch control frame: 520mm×447mm×86.1mm 3.5 inch control frame: 600mm×447mm×86.1mm NVMe control box: 620mm × 447mm × 86.1mm	2.5-inch control frame: 820mm×447mm×86.1mm 3.5 inch control frame: 900mm×447mm×86.1mm NVMe control box: 920mm × 447mm × 86.1mm	
	SAS hard disk frame: 410mm × 447mm × 86.1mm NVMe hard disk frame:620mm × 447mm × 86.1mm NL-SAS hard disk frame:488mm×447mm×175mm			
Weight (without hard disk unit)	2.5 inch control frame: 16.4Kg 3.5 inch control frame: 16.3Kg	2.5-inch control frame: 23.75Kg 3.5-inch control frame: 24.1Kg NVMe control frame: 21.25Kg	2.5-inch control frame: 38.05Kg 3.5-inch control frame: 38.05Kg NVMe control frame: 40.65kg	
	2.5" SAS HDD frame: 13.4Kg 3.5" SAS HDD frame: 26.5Kg NVMe HDD frame: 24.95Kg			
Operating Temperature	Ambient temperature at altitude -60 to +1800m is 5℃ to 35℃ (cabinet)/40℃ (frame) At altitude of 1800m to 3000m, the ambient temperature (upper limit) decreases by 1℃ for every 220m increase in altitude.			
Working Environment Humidity	10% to 90% RH			

光语

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