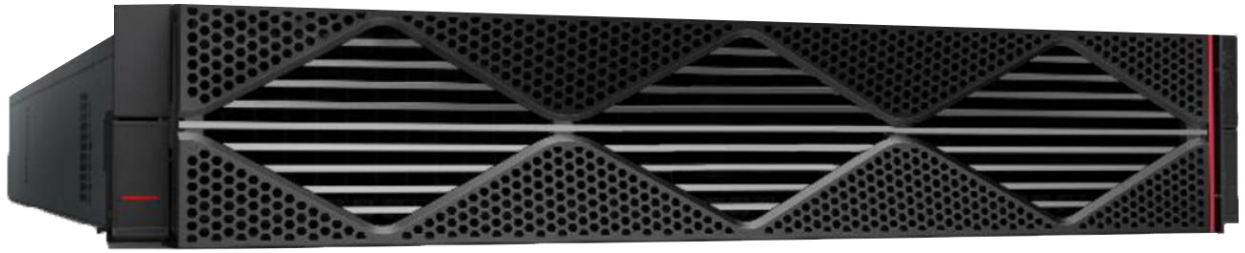




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# OceanStor 5310-G/5510-G Capacity Type All-Flash Storage System



## ■ Product Overview

The OceanStor 5310-G/5510-G capacity storage is an all-flash storage product of OceanStor. It uses the intelligent storage FLASHLINK® algorithm, hardware innovation, and high-density design to provide enterprises with excellent, green and energy saving data service experience.

The OceanStor 5310-G/5510-G all-flash storage is widely used in virtualization, service tier, resource integration, file sharing, disaster recovery, backup and archiving, and other scenarios in the government, finance, healthcare, education, energy, and manufacturing industries, helping customers maximize return on investment (ROI) and benefiting all industries with all-flash.

## ■ Technical Specification

Model Number	OceanStor 5310-G Capacity All-flash	OceanStor 5510-G Capacity All-flash Memory
<b>Hardware Specifications</b>		
Dual-control Cache	128 GB to 256 GB	256 GB to 2048 GB
Maximum Available Capacity/Controller Enclosure	2.5*PiB	16*PiB
Supported Storage Protocol	FC, iSCSI, FC-NVMe, NVMe over RoCE, NFS, CIFS, NDMP, NFS over RDMA	FC, iSCSI, FC-NVMe, NVMe over RoCE, NFS, CIFS, NDMP, NFS over RDMA, S3*
Front-end Channel Port Type	8/16/32 Gbit/s FC/FC-NVMe, 10/25/40/100 GbE, 25 Gb NVMe over RoCE/NFS over RDMA	
Type of Back-end Channel Port	100G RDMA	
Maximum Number of Hot-swappable I/O Modules/Controller Enclosures	6	12
Maximum Number of Front-end Host Ports/Controller Enclosures	40	48
Type of Hard Disk	15.36/30.72 TB palm-sized Capacity NVMe SSD	
<b>Software Specifications</b>		
RAID Support	RAID 10*, RAID 5, RAID 6, RAID-TP (tolerance for simultaneous failure of 3 disks)	
<b>Electrical Specifications</b>		
Power Source	200V to 240VAC±10%, 192V to 288VDC	
Dimensions (H × W × D)	Control box: 86.1mm × 447mm × 620mm	Controller box: 86.1mm × 447mm × 920mm
	Smart NVMe disk enclosure: 86.1mm × 447mm × 620mm	
	NVMe controller enclosure ≤ 32kg Intelligent NVMe disk enclosure ≤ 35kg	NVMe controller ≤ 50kg Intelligent NVMe disk enclosure ≤ 35kg
Operating Ambient Temperature	The ambient temperature when the altitude is -60 to +1800m is 5°C to 35°C (cabinet) /40°C (frame);	
	When the altitude is from 1800m to 3000m, the ambient temperature (upper limit) is reduced by 1°C for every 220m increase in altitude	
Working Environment Humidity	10% to 90% RH	



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