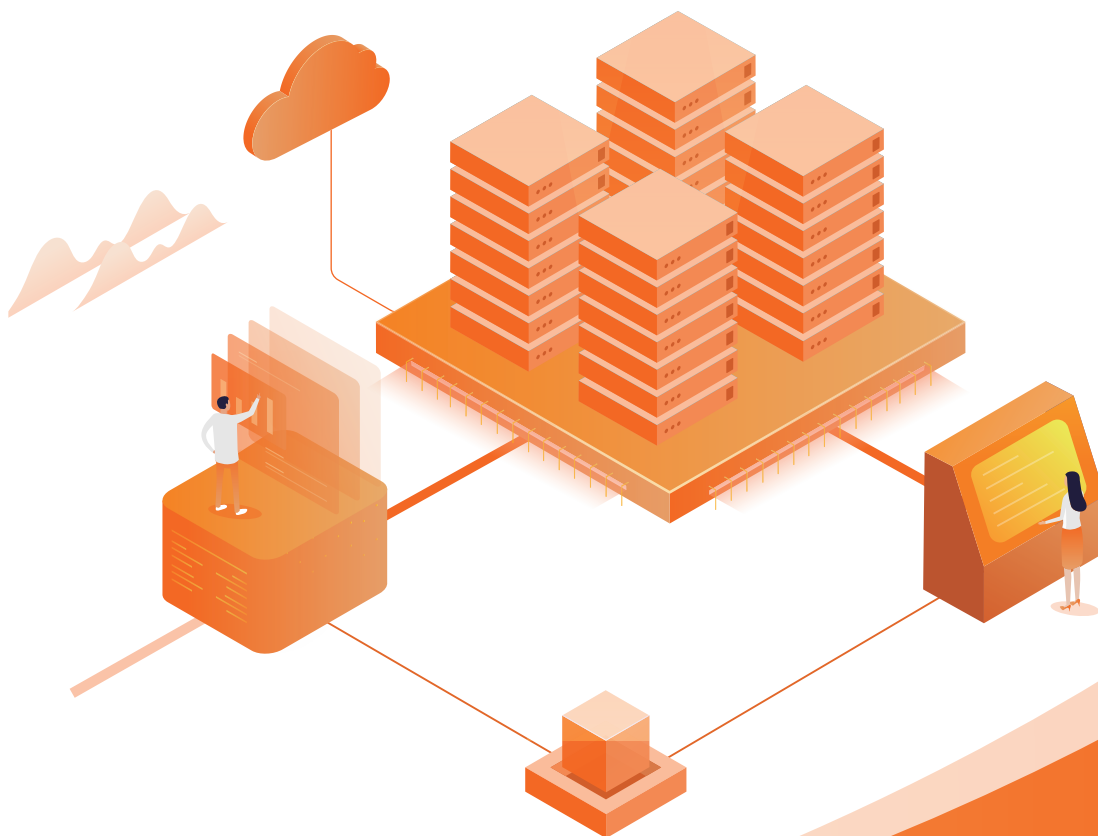



# ALIBABA CLOUD

## HYBRID CLOUD STORAGE ARRAY

As a cloud storage appliance, Hybrid Cloud Storage Array blends in with the Alibaba Cloud storage service, combining the core competences of Public Cloud storage and traditional storage array.





Alibaba Cloud Storage provides safe, reliable, low-cost, and flexible storage services. Widely used in disaster recovery backup, mobile applications, online education, audio and video, image and material download, security monitoring, file storage and other fields. Effectively help you solve many business problems such as massive data archiving and online backup, data processing, accelerated content distribution, business data mining analysis, and illegal data monitoring.

Alibaba Cloud, founded in 2009, is a global leader in cloud computing and artificial intelligence, providing services to thousands of enterprises, developers, and governments or organizations in more than 200 countries and regions. Committed to the success of its customers, Alibaba Cloud provides reliable and secure cloud computing and data processing capabilities as a part of its online solutions. In January 2017, Alibaba Cloud became the official cloud services partner of the Olympics. According to IDC and Gartner, Alibaba Cloud is solidly positioned as the No. 1 cloud computing service provider in China and in Asia Pacific, and ranks 3rd among cloud service providers in terms of market share in the world.

With the popularity of cloud computing technology, more and more enterprises have chosen to deploy cloud computing solutions. The flexibility, usability and reliability of Public Cloud are also widely recognized. However, many enterprises have high dependence on traditional storage arrays. Completely migration of all applications to cloud in a short period will face challenges including system re-construction and application development, which brings inconvenience and risks to customers due to the large amount of changes. In addition, many customers have requirements for the physical location of sensitive data, so an increasing number of companies are adopting Hybrid Cloud to realize the digital transformation for the future.



### SIMPLE

Customers can use Alibaba Cloud Hybrid Cloud Storage Array without changing the original IT infrastructure as if they were using on-premises storage devices. At the same time, there is no need to pay attention to the compatibility between on-premises device storage protocol and cloud storage protocol while using both storage capacity.

### FLEXIBLE

The product seamlessly integrates with Alibaba Public Cloud Storage to take advantage of the scalability, rapid deployment, and pay-as-you-go billing method for Public Cloud Storage to quickly respond to changes in customers' needs.

### EFFICIENT

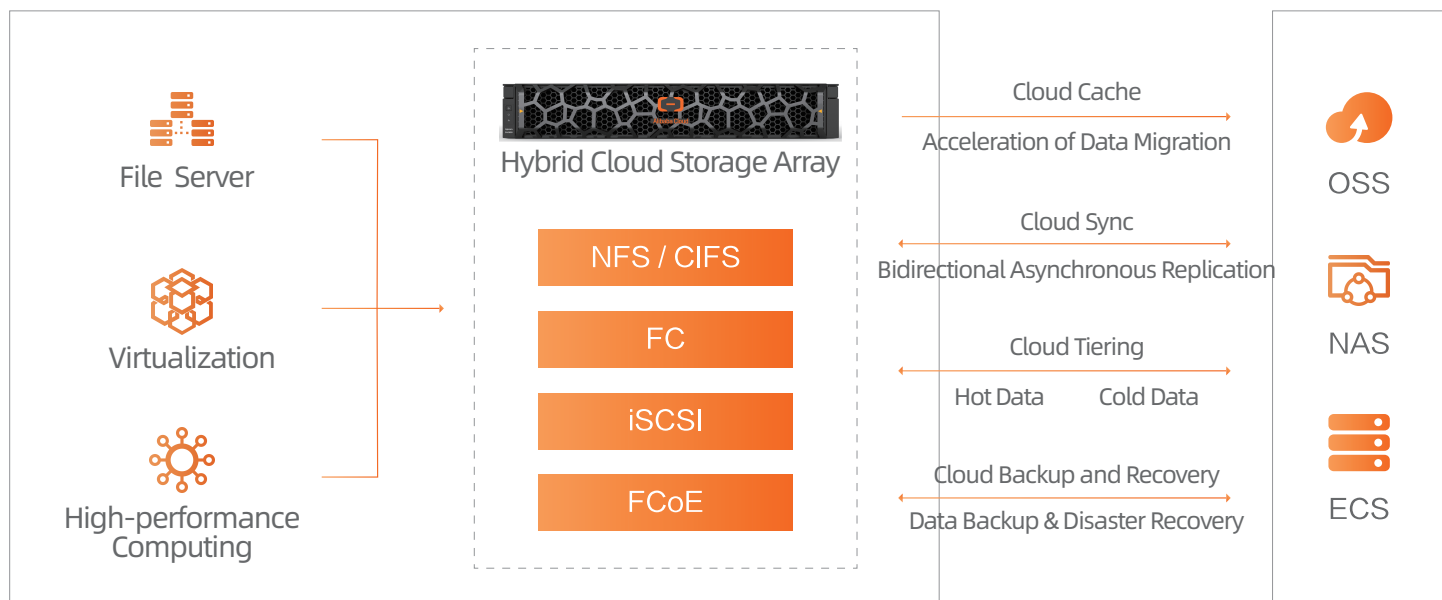
The product has automatic cloud tiering feature in which hot data are stored in on-premises storage, ensuring high performance data access, and cold data are stored in cloud, making full use of the massive capacity of Public Cloud Storage. Moreover, the cloud cache feature ensures the use of on-premises storage caching when data is stored in cloud providing rapid response to applications.

### RELIABLE

Alibaba Cloud Hybrid Cloud Storage Array adopts a fully redundant hardware design that supports data encryption, integration with AD/LDAP, and ACL. Alibaba Public Cloud Storage has twelve 9s data reliability with a complete set of data consistency check to ensure stored data are safe and secured.

## **ALIBABA CLOUD HYBRID CLOUD STORAGE ARRAY ARE SPECIALLY DESIGNED FOR ENTERPRISES WHO DEMAND HIGH PERFORMANCE AND STABILITY AND WISH TO SEAMLESSLY MIGRATING TO CLOUD, WITH THE FOLLOWING FEATURES.**

- Converged protocol storage that supports complete host-side protocols e.g. FC/iSCSI/FCoE, NFS/CIFS, OSS, FTP, etc.
- Support multiple Hybrid Cloud modes e.g. cloud caching, cloud replication, cloud tiering, cloud snapshots, etc.
- Seamlessly migrating data to cloud, enabling elastic scaling and cloud backup and disaster recovery for data on cloud.
- Data compression and deduplication to increase the efficiency of data flow between Cloud and on-premises storage.
- Rich enterprise storage data service features such as cloning, snapshot, synchronous and asynchronous replication, and active-active disaster recovery.
- Support storage virtualization, protect customers' investment.
- End to end data encryption to ensure the security of customer data.
- Fully redundant hardware design without single point of failure.



## ALIBABA CLOUD HYBRID CLOUD STORAGE ARRAY PRODUCT SPECIFICATIONS

PRODUCT	SA2600		SA3700	
Storage Controller	2-8 Controllers		2-16 Controllers	
Form Factor	2U12/2U25/3U48		2U12/2U25/3U48	
CPU (per dual-controller)	2*Intel 6 core V4		2*Intel 10 core V4	
Cache (per dual-controller)	32/64/128GB		128/256/512GB	
Cache (per cluster)	32GB~512GB		128GB~4TB	
Back-end Ports (per dual-controller)	4*SAS 3.0		4*SAS 3.0	
Host Ports (per dual-controller)	28		40	
Port Option	16Gb FC, 8Gb FC, 1/10GbE/iSCSI, 10Gb FCoE			
RAID	RAID 0, 1, 10, 5, 6, 50, 60, Distributed RAID			
Supported Drive	SSD, SAS, NL-SAS			
Max. Number of Drive	600	1600	2800	
Storage Protocol	FC, FCoE, iSCSI, NFS, CIFS, OSS, FTP			
Enterprise-specific Feature	Snapshot, Clone, Volume mirror, Remote replication, Active-Active DR Storage virtualization, Online compression, Deduplication, Encryption, etc.			
Hybrid Cloud Feature	Cloud Cache, Cloud Tiering, Cloud Replication, and Cloud Snapshot			
Public Cloud Service Provider	Alibaba Cloud			

For more information on the product, please visit  
<https://www.alibabacloud.com/product/storage-array>