

Inspur AS2600G2 is an entry-level hybrid flash storage for enterprises' structured and unstructured applications.



Features

Unified storage

Unified SAN + NAS: One storage support both block-level and file-level services. This helps to simplify the data center architecture, reduce operation and maintenance costs, and respond to different business needs.

Protocol convergence: Support iSCSI and FC to meet the storage requirements of different applications, such as database, file sharing, cloud computing.

Advanced architecture

Scale-Out architecture: Support online horizontal expansion and up to 8 controllers, enabling customers' storage resources to grow linearly to meet the changing business needs.

High availability: Adopt a fully redundant architecture, fully modular, redundant cache, and active-active controller design.

High scalability: Support up to 2,400 hard drives and 8 controllers, and a maximum cache of 256GB.

Intelligent cache: Support active-active mechanism to improve overall storage performance and eliminate performance bottlenecks in complex application environments.

Intelligent software

Intelligent local replication: Three local data protection mechanisms: clone, snapshot, backup. The combination can meet the needs of application testing, develop-

ment, analysis, backup, etc. It effectively saves storage space and reduces investment costs.

Intelligent volume mirroring: Volume mirroring function allows one volume have two copies, which can keep the IO access uninterrupted when one of the copy is damaged.

Intelligent tiering: Hotspot data can migrate online between different storage mediums to optimize storage cost and performance, and improve customers' ROI.

Intelligent heterogeneous virtualization: Allow to take over third-party storage resources and form a unified virtual resource pool. Data protection, data migration between storages are provided.

Intelligent thin-provisioning: Physical space no longer limits resource allocation. Support on-demand allocation to reduce early-stage investment and improve the utilization rate of storage resources.

Intelligent management software: Support unified management of the G2 series. Also, an intelligent maintenance management system is built-in to reduce related costs and improve efficiency.

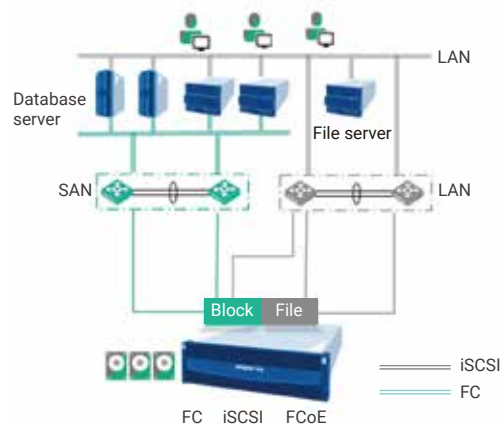
Intelligent RAID: Traditional RAID (TRAIID) or/and intelligent RAID (InRAID). Two hot spare methods: hot spare disk and hot spare space. Support Online RAID level migration and RAID-DP protection for single-disk or double-disk failures. Triple-Parity RAID is enabled to protect against three-disk failure. This mechanism ensures zero data loss. Also, multi-drive recovery helps accelerate recovery speed and guarantees performance during recovery.

Application solution

Satisfy customer's different business types and performance requirement

Solution description: With the emergence of new IT forms, the types of data stored have also shown a trend of diversification (blocks, files), while the performance requirements of different businesses are different. Inspur AS2600G2 is truly unified storage, supporting multiple protocols and host interfaces. Provide rich software features to meet different application needs of customers.

Customer value: Inspur AS2600G2 storage can realize SAN and NAS unification without gateway, and rich software functions can enable customers to obtain both benefits of performance and cost, reduce initial cost investment, and reduce customers' TCO.



Specifications

Product	AS2600G2	
Controller	2-8	
Controller Cabinet	2U12, 2U25, 3U48	
System Cache	32GB-256GB	
Supported Storage Protocols	FC, iSCSI, NFS, CIFS, HTTP, FTP	
Type of Frontend Port	8/16Gb FC, 1/10Gb iSCSI	
Type of Hard Drive	SSD, SAS, NL-SAS	
Number of Hard Drive	600-2400	
System Frontend IO Port	3	
System Backend Port	4 SAS	
Type of System Backend Port	SAS3.0, single port 4*12Gbps	
Expansion Enclosure	2U12, 2U25, 3U48	
RAID Level	RAID 0, 1, 5, 6, 10, InRAID	
Boost Resource Efficiency	Intelligent Thin Provisioning (InThin)	Intelligent tiering (InTier)
	Intelligent virtualization RAID (InRAID)	Intelligent volume conversion (InTune)
	Intelligent data migration (InMigration)	
	Intelligent heterogeneous virtualization (InVirtualization)	
	Intelligent SSD cache acceleration (InFlashCache)	
	Intelligent file service (InFileService)	
Data Protection Software	Intelligent active-active (InMetro)	Intelligent backup (InBackup)
	Intelligent snapshot (InSnapShot)	Intelligent disk mirroring (InVdiskMirror)
	Intelligent cloning (InClone)	Intelligent remote replication (InRemoteCopy)
Mission-Critical Guarantee	Intelligent quality of service (InQoS)	
	Intelligent automatic cache partition (InAutoPartition)	