

Oceanspace S2600 Storage Series



Huawei Symantec



Oceanspace S2600

Huawei Symantec Oceanspace S2600 (hereinafter referred to as the S2600) series storage products, are the third-generation products for small and medium-sized enterprises. Owing to its evolutionary architectural design, the S2600 features ease of management, energy-saving options and combines economical storage solutions with data protection.

Highlights of the S2600

- Multiple host ports (FC/iSCSI/SAS/FC-iSCSI Combo)
- Backup technology combining backup software and disk snapshot
- Disk spin-down function
- Advanced storage software functions including snapshot, local copy and remote copy
- Energy-saving design (intelligent fan speed regulation, low power consumption and DC power supply)

Product Features

Evolutionary

- Seamlessly combining FC SAN with IP SAN

Dual protocols support with FC and iSCSI as the base configuration on all models.

- Supporting functions of mid-range products

S2600 provides many functions of mid-range storage products, thus improving cost-effectiveness greatly. For example, the remote copy function provides higher-level disaster recovery services; the data coffer ensures data integrity when the system collapses; the disk pre-copy function avoids the risk of failure with two disks at the same time.

Easy

- Easy installation and operation

The JWS installation-free technology is introduced to the ISM software. With a configuration wizard, you can complete all configurations within five minutes.

- Convenient maintenance and support

S2600 supports alarms in forms of SMS, emails, sound, and light. The controller, power supply and hard disk modules support the hot-swap.

- Easily available products and services

Our world-wide marketing and service network provides customers with quick and quality services.

Enhanced

- Enhanced data protection

S2600 supports multiple enhanced software functions, such as snapshot, local copy and remote copy, providing overall data security protection.

- Complete disk protection solutions

S2600 combines snapshot with backup software, thus achieving rapidly and making data backup efficiently

S2600 supports automatic check and repair of disk bad tracks.

- Powerful expansibility

S2600 supports background initialization of the RAID and online expansion.

S2600 supports up to 96 disks and 256 hosts.

- Carrier-class availability

The system reliability reaches 99.9999%.

Energy-Saving

- Energy-saving for hard disks

The industry-leading disk dormancy and disk down-speeding technologies reduce over 40% of power consumption of backup and archiving applications.

- Energy-saving for components

S2600 adopts low power-consuming and lead-free components, worth of a green product.

- Energy-saving for power supplies

S2600 provides AC and DC power supplies, thus meeting complicated power supply environment. The DC power supply is more efficient and energy-saving.

Economical

- Providing eight host ports

S2600 provides eight host ports. Customer does not need a switch when the number of hosts on the network is less than eight.

- Intermixing SAS and SATA to optimize space

Customer can choose either SAS or SATA disk to save data, depending on specific requirements for access and security, allowing customer to maximize on his investment.

- Space-saving design

The subrack that overall height is less than 2U is specifically designed to help customer save space in cabinets.

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Technical Specifications

Hardware Feature			
Architecture	Dual Controller		
Storage processor	64-bit processor		
Standard Cache (Scalable)	Single controller: 2GB, dual controller: 4GB		
Front-End (Host) Connectivity	<table border="0"> <tr> <td>Single controller: Four 1Gb/s Ethernet iSCSI Ports,or Two 3 Gb/s SAS ports,or Four 4 Gb/s Fibre Channel Ports,or Two 4 Gb/s Fibre Channel Ports and two 1Gb/s Ethernet iSCSI Ports</td> <td>Dual controller: Eight 1Gb/s Ethernet iSCSI Ports,or Four 3 Gb/s SAS ports,or Eight 4 Gb/s Fibre Channel Ports,or Four 4 Gb/s Fibre Channel Ports and four 1Gb/s Ethernet iSCSI Ports</td> </tr> </table>	Single controller: Four 1Gb/s Ethernet iSCSI Ports,or Two 3 Gb/s SAS ports,or Four 4 Gb/s Fibre Channel Ports,or Two 4 Gb/s Fibre Channel Ports and two 1Gb/s Ethernet iSCSI Ports	Dual controller: Eight 1Gb/s Ethernet iSCSI Ports,or Four 3 Gb/s SAS ports,or Eight 4 Gb/s Fibre Channel Ports,or Four 4 Gb/s Fibre Channel Ports and four 1Gb/s Ethernet iSCSI Ports
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Number of Disk Drives	96		
Support Disk Drivers	SATA Disk Drive: 500GB /1 TB(7200 rpm) SAS Disk Drive: 300 GB /450 GB(15,000 rpm)		
Density of Disk Drives	12 Disk Drives/Frame		
Performance Feature			
Maximum hosts connections	256		
LUNs	512		
RAID Feature			
Supported RAID levels	0, 1,3, 5, 6,10, 50		
Reliability			
Redundancy protection capabilities	Controller, power supply, fan and BBU battery		
Disk Drives protection	Global hot spare, bad track repairing and disk pre-copy		
Power-off protection	Data coffer, internal BBU protection		
Host Compatibility			
Supported OSs	Windows, Linux, Solaris, HP-UX, AIX and VMware		
Software Feature			
Host multi-path I/O	UltraPath multi-path software		
Value-added software	HyperImage, HyperCopy and HyperMirror		
Management Feature			
Management interfaces	Web-based GUI, CLI		
Fault alarms	Management GUI alarms, audio/video alarms, email alarms, text message alarms		
Remote management	Modem dial-up access and command line configuration		
Log function	Real-time display, import and export of alarm logs		
Physical Feature			
Power supply and power consumption	AC100V to 240 V(50/60H), DC-48 V to -60 V, 340 W		
Dimensions (H x W x D)	86.1 mm x 446 mm x 536 mm		
Weight(without Disk Drivers)	20 kg		

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