

It's All About Your Data

# SmartStor™ DS4600

## 4-Bay Hot-swappable Direct Attached Storage



Are you comfortable storing your precious data and digital content on a single hard disk? If and when your hard disk crashes, all of your precious data and digital contents will be LOST. Promise Technology, the worldwide leader in SATA/SAS RAID Technology, introduces the DS4600 a "cutting edge" Consumer, Professional, SOHO/SMB and Enthusiast's class storage enclosure. SmartStor™ DS4600 safeguards your precious data and digital contents making them readily available anytime.

### Multiple connectivity options

SmartStor™ DS4600 delivers high performance with four high-speed interfaces including eSATA, FireWire 400, FireWire 800 and High-Speed USB. SmartStor™ DS4600 is an ideal solution for Home backup, SOHO/SMB backup, Storage Expansion on PC/Mac and Multimedia Professionals in need of high performance for power applications such as Apple's Final Cut, Adobe Photoshop and 3D Studio Max. Technology Enthusiast's can utilize SmartStor™ DS4600 to store Music and Video for playback using SmartNAVI Media Player or any Media Player on the client system.

### Advanced and Reliable data backup Solution

SmartStor™ DS4600 is a next generation backup solution with support for up to 4 hard drivers in RAID 0, 1, 5 and 10. Proven Promise RAID technology ensures your data will be available for access anytime.



**OneTouch Configuration**  
With the One Touch Configuration function, you can create RAID on DS4600 by simply pressing the button.



**SmartSYNC**  
SmartSYNC features incremental backup to reduce time with scheduled backups by updating new or changed files only. Backups can be executed on the "fly" or on a "schedule" at anytime.

### High Performance for your Multimedia needs

- **Excellent Media Streaming Performance**  
SmartStor™ DS4600 is designed to meet the demands of professionals in the Digital Media space who crave performance and storage for Final Cut, Photoshop, 3D Studio Max and other power applications.
- **Media Center**  
Media Center enables you to manage and play your music and video files stored on the SmartStor™ DS4600. Simply select the file you wish to play and "enjoy".
- **Photo Album**  
Photo Album empowers you with the ability to create your own albums and share them with family and friends easily. You can even access Photo Albums remotely using any PC in the world with SmartNAVI.

### Easy set up and initialization

Setting up the SmartStor™ DS4600 is quite easy. Install the hard disks into the supplied drive carrier rails, insert the disks into the enclosure and connect the SmartStor™ DS4600 to your PC, Mac, Server, or Laptop. You don't need to worry about the drivers or other complex configuration settings.



**Compatible with Time Machine**  
Connect SmartStor™ DS4600 to your Mac for use with Apple's Time machine to backup your critical system files, applications, data files, music, pictures, videos and more.

### Ultra Quiet and Green

SmartStor™ DS4600 complies with the RoHS standard, which means the SmartStor™ DS4600 is eco-friendly always keeping the environment in mind. The Standby feature of the SmartStor™ DS4600 allows hard drives to spin-down reducing power consumption during periods of inactivity.

Thanks to the new enclosure design, system noise generated by the fan is no longer a concern.



### DS4600 Highlights

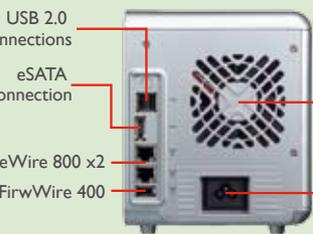
- ⋮ Support 2TB SATA Hard Drives for a staggering 5.7TB of usable space under RAID 5
- ⋮ Up to four hot-swappable SATA drives
- ⋮ RAID 0, 1, 5 and 10 support
- ⋮ Easy to set up and use
- ⋮ Driver-free and plug & play
- ⋮ Automatic rebuilding
- ⋮ SmartSYNC backup for automatic backup
- ⋮ Compatible Apple Time machine
- ⋮ High Performance eSATA 3Gbits interface
- ⋮ FireWire 800 (1394b) and FireWire 400 (1394a) interfaces
- ⋮ Media Player for playback of music and videos stored SmartStor™ DS4600
- ⋮ Photo Album to create flash based Photo Albums
- ⋮ USB 2.0 interfaces
- ⋮ Enclosure information (Fan Speed, Temperature, Voltage)
- ⋮ Mail alert and system event log



## View of SmartStor™ DS4600



Drive Carrier



Disk Drive Cooling Fan

Power Connection

## Intuitive Graphic User Interface

SmartNAVI, the advanced and powerful client utility for SmartStor™ series allows configuration and management directly from your desktop. SmartNAVI also features a Media Player for playback of music and videos stored. Photo Album is another aspect of SmartNAVI allowing the creation of flash based Photo Albums.



## SmartStor™ DS4600 Features

SmartStor™ DS4600 Features	
<b>DAS Features</b>	
OS Support	Windows 2000, XP, 2003, Vista X86/64, Linux/Unix, Mac OSX V10.4 and above
Client Utility OS Support	Windows 2000, XP, 2003, Vista X86/64, Mac OSX V10.4 and above
Data Protection	Client to DAS backup (SmartNAVI) One-touch Backup
<b>Raid Management</b>	
RAID Level	RAID 0, 1, 5, 5+spare, 10
RAID feature	Hot spare, Robust Error Handling
Disk Roaming	YES
<b>System Management</b>	
Multiple Languages Support	English, Traditional Chinese, Simplified Chinese, Japanese, Spanish, German, Italian, French, Korean, Russian
Coding System	Unicode
Management Protocols/Notifications	audible (buzzer), visible (LEDs)
Management Tools	SmartNAVI (Mac/Windows)
<b>Interface</b>	
USB	High-Speed USB 2.0 Type B x 1 (USB 1.1 compatible)
eSATA	eSATA II x1
FireWire interface	FireWire 400 x 1 FireWire 800 x 2
<b>Disk interface</b>	
Number of Drives	4 Drives (3.5" only) Hot swappable
Specifications	Support 3Gb/s and 1.5Gb/s SATA Drives with NCQ/TCQ; 48-bit LBA support
<b>Mechanical Specifications</b>	
CPU	OXUFS936QSE
Power Adaptor	90-100W with PFC, 100-230V auto-ranging, 50-60Hz AC
Temperature	Operating: 5°C to 35°C
Humidity	Operating: 10%-85%
Dimensions (HxWxD)	188.2x152.5x229.6 mm (7.4x6.0x9.0 in)
Weight	2.5 kg (5.5 lbs) without drives
EMC/Safety	CE, FCC Class B, VCCI Class B, BSMI, UL, TUV, RoHS compliance
Warranty	2 years

## About Promise

Promise Technology provides a comprehensive SAS/SATA RAID storage product line including rack mount RAID enclosures, PCIe RAID, SOHO-NAS and SATA RAID ASICs for embedded applications. Headquartered in Milpitas, CA, the company has ISO-9001 certified R&D centers in the USA, Taiwan and China. For more information, visit [www.promise.com](http://www.promise.com)

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