



Consolidated Storage Management System - PetaSite S-series

SCALABLE DATA STORAGE FOR YOUR NEAR-LINE, ARCHIVE and BACKUP NEEDS

- Ideal for medium to enterprise wide data storage requirements - open automated tape library solution supports LTO® and SAIT mixed media
- Optimize capital investment – enterprise system reliability and performance with affordable scalability from 60 to 2,988 cartridges and 96 tape drives in a single PetaSite® S-series library system - Sony's most scalable and reliable storage library
- SAN ready and certified for use with Sony Broadcast & Industrial Solutions and by leading audio/video and IT Independent Software Vendor applications
- Fully redundant N+1 power and hot swappable components
- Advanced integrated PetaSite Controller Unit (PCU) enables remote administration, automatic system health checks, alert messaging, mixed media formats, flexible Ethernet (API) control, direct attached drive I/O and multiple logical library partitions
- Supported by Sony's Professional Services (SPS) organization – Also available extended warranty SupportNET services ranging from convenient web-based parts ordering, 24 hr. Helpline, advanced swap exchange to customized mission critical 24 x 365 monitoring and onsite programs

Business Challenge:

Enterprises rely on their mission critical data more than ever. As a broadcaster, news-maker or post production facility, audiovisual content is your ultimate asset. IT departments are looking beyond business continuity, regulatory compliance, consolidation, and data security. Digitization, protection and management of multimedia place a premium on scalable, reliable high capacity archiving solutions.



PetaSite Solutions for the PetaByte Generation - Protect Your Assets

Business Solution:

Sony understands audio/video workflows and data lifecycle management, which is why we developed the ultimate Consolidated Storage Management system- PetaSite S-series.

Advancing the boundaries of automated tape solutions, the PetaSite S-series is a flexible family of libraries with proven reliability that can easily expand as your storage requirements grow.

Based on Sony's SAIT and IBM's LTO (Linear Tape Open) Ultrium™ technology the PetaSite S-series is specifically designed to address the growing high-capacity and high-speed demands of data intensive storage area networks and enterprise wide environments. The Sony PetaSite S-series provides a real solution for your business now and in the future.

PetaSite S-series provides scalable, reliable, high capacity storage solutions for...

- Business continuance (disaster recovery)
- Broadcast acquisition, automation, and news near-line storage
- Data migration & consolidation
- Digital video archives & media asset management
- Email & electronic document management
- IP Security & surveillance
- Medical records & PACS applications
- NLE (non-linear editing) near line & deep archive
- Product engineering & testing
- Public records & statistical information
- Regulatory compliance
- Satellite imaging & mapping
- Scientific research
- Seismic research & analysis
- Sony XDCAM®, HDXchange™ & SONAPST™ content
- University research, analysis & campus wide backups
- Web hosting...and more...

Specifications

Sony Part Numbers	CSM-60B	CSM-100B	CSM-200B	CSM-200D	CSM-200C
Description	Basic System (Fibre Channel/SCSI)			Drive Console	Cartridge Console
General Specifications & Performance					
Drives & Cartridge Slots / Storage Capacity					
0-4 Drives (number of slots)	60/48 TB	108/86 TB	216/172 TB	348/278 TB	396/316 TB
5-8 Drives (number of slots)	60/48 TB	108/86 TB	204/163 TB	336/268 TB	396/316 TB
9-12 Drives (number of slots)	60/48 TB	108/86 TB	192/153 TB	324/259 TB	396/316 TB
System Scalability	up to 86 TB (model CSM-100B) or up to 172 TB (model CSM-200B) via software license upgrade	up to 172 TB (model CSM-200B) via software license upgrade	Up to 7 drives and/or cartridge consoles, 96 drives, 2.4 PB		
Cassette Exchange Time	400 Exchanges per hour		Average 360 Exchanges per hour		
Cassette Access Time	5 sec (average)				
Bar Code Reader	Barcode Reader standard (code 39)				
IN/OUT Magazine Port	6-cartridge capacity x 2				
Weight (Library only)	350 kg/772 lbs		350 kg/772 lbs	250 kg/551 lbs	250 kg/551 lbs
Dimensions H x W x D mm/inches	1,980mm x 680mm x 950mm/77.95" x 26.77" x 37.40"				
Drive Technology	Refer to individual drive specification datasheet SAIT and LTO				
Reliability					
MTBF (Mean Time Before Failure)	300,000 hours				
MCBF (Mean Cycles Before Failure)	2,000,000 cycles				
MTTR (Mean Time To Repair)	Less than 30 minutes				
Environmental Condition					
Operating Temperature	10°C to 30°C				
Storing Temperature	-20°C to 60°C				
Operating Humidity	25% to 80% (without condensation)				
Power Requirements					
Power Voltage, Frequency	AC 100V - 240V, 50/60 Hz				
Power Consumption	650 VA (2 drives)				
Optional Accessories					

CSMADR200S SAIT Drive Unit, SCSI • CSMADR230F SAIT Drive Unit, Fibre Channel • CSMADRLTO3F LTO-3 Drive Unit, Fibre Channel • CSMADRLTO4F LTO-4 Drive Unit, Fibre Channel
 CSMAPSL Redundant Power Unit - Library • CSMAPSD Redundant Power Unit Drive • CSMADIF Redundant Drive Control Unit • CSMU100B Model CSM60B to CSM100B Upgrade Kit
 CSMU200B Model CSM100B to CSM200B Upgrade Kit

www.sony.com/DataStorage