



CSM-20 SAIT-1 RACK MOUNT MINI-LIBRARY

Affordable, high-density storage to support your enterprise.



Business Challenge:

The explosive growth of data, driven by voluntary and mandatory data retention needs, has led to a tremendous increase in demand for greater storage capacity.

Businesses large and small, particularly those working with large databases, video production, broadcast applications, medical imaging, and e-commerce transactions, need reliable tape storage solutions that have more than kept pace with hard disk capacities, that fit within a limited amount of space, and eliminate the need for time consuming manual swapping of tape cartridges.

Business Solution:

The CSM-20 was built for capacity leadership today and, more importantly, your future storage needs. SAIT-2 is due in late 2005 and is intended to be fully compatible with the CSM-20. Even though SAIT-1 has been the largest capacity tape format in the world for two years running, we expect to take another commanding leap forward.

Sony is a storage leader, with the legendary reliability your data demands. Compared to competing tape formats, Sony's SAIT technology represents a major leap in capacity, effectively addressing growing business needs for reliable tape storage.

Sony's SAIT Rack Mount Mini-Library easily fits in a rack mount environment and eclipses other formats with 10TB native capacity in compact 5U design. This means you can now conveniently back-up more data using fewer cartridges and, with WORM capability, archive critical business data. SAIT is your solution for backup, restoration, and archival of critical corporate data, saving you time and money.

Specifically designed for backup and large-scale storage systems, SAIT is the cost-effective solution of choice where high speed, enterprise capacity and reliability are required.

- 10TB (native) of reliable enterprise class storage capacity in a compact, 5U form
- 30MBs (native) sustained data transfer rate
- SAIT WORM tape support for cost-effective archiving
- 6-slot magazine for fast and easy tape management
- Multi-drive capable for high reliability and performance



like.no.other™

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- Utilizing advanced features such as helical-scan recording technology, industry leading data density, and Advanced Metal Evaporated (AME) media, SAIT has achieved a massive 500GB native, or up to 1.3 TB compressed¹ storage capacity, within a half-inch, single-reel tape cartridge
- 10TB native or 26TB compressed¹ storage capacity, within a 5U rack mountable library.
- Tightening back-up windows are more manageable with an incredible sustained data transfer rate of 30MB/s native.
- Remote-Sensing Memory-In-Cassette (R-MIC) provides sophisticated and rapid data access capabilities, such as high-speed file search and access.
- Innovative features, such as the automatic head cleaning system, AME media, the effective 'leader block tape threading system,' sealed deck design, and a simplified tape load path, result in industry leading enterprise-class reliability.
- Hot swap drives and fans – increased uptime and reduced maintenance costs with no need to take systems offline.

Specifications	
Model Number	CSM-20S/S1
Description	SAIT 20 Slot Mini-Library
Number of Cartridges	20
Format	SAIT-1
Drive Interface	Ultra 160 SCSI LVD, 68-pin high density connector
Maximum Capacity	10TB (native), 26TB (compressed) ¹
Max. Sustained Transfer Rate	30MB/s (with one SAIT-1 drive) 60MB/s (with two SAIT-1 drives)
Cartridge Access Time	Average 12.5 seconds (drive to slot)
Drive MSBF	1,000,000 POH (100% duty)
Power Requirements	AC100-240V ±10%, 50/60Hz
Power Consumption	70W (with 1 drive), 100W (with 2 drives)
Dimensions (WxDxH)	Excluding projection — 16.93 x 8.66 x 29.33 inches (430 x 220 x 745 mm) Including fan projection — 16.93 x 8.66 x 29.92 inches (430 x 220 x 760 mm)
Weight	59.52 lbs. (27kg) with 1 drive
Rack Height	5U
Operating Temperature	50°F – 95°F (10°C to 35°C)
Operating Relative Humidity	20% – 80% RH (non-condensing)
Accessories	ACY-MZ20/E Additional 6-slot media magazine ACY-MZ20/6 Loaded media magazine (6 media inside) ACY-DR20/S1 Additional drive for CSM-20 ACY-RKSL Rack Mount kit ACY-BL60A Additional Bar Code Labels (60x) SAIT-1500 Sony SAIT-1 500GB Data Cartridge SAIT-1500W Sony SAIT-1 500GB WORM Data Cartridge SAIT-1CL Sony SAIT Cleaning Cartridge
Warranty	3 year limited warranty; 1 Year Advanced Exchange after warranty

¹Assumes 2.6:1 ALDC compression

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