

AIT Libraries



SONY®



AIT and SAIT Drive and Automation Key Benefits

Performance, Innovation and Unique Features make Backup, Restore, and Archival a Breeze

- Memory-in-Cassette (MIC) provides faster Seek than most other formats¹
- Only tape format with entry level WORM (Write Once Read Many)
- High capacity 1U (up to 3.2 TB² native) and 2U (up to 6.4 TB native) autoloaders with AIT-5 installed

Comprehensive and Scalable

- Desktop and 1U/2U/5U rackmount configurations
- Multiple interfaces—IEEE1394, Fibre Channel, and SATA
- Broad lineup with scalable options to meet a wide array of back up and archival needs
- Solutions offered from 640 GB to 10 TB native

Reliability

- Advanced Metal Evaporated (AME) media reduces head clogging versus other formats
- AIT and SAIT drives offer outstanding 400,000-hour MTBF³ rates
- Three year warranty, Advance Exchange Program

WHY SONY?

Core technology expertise

- 55 years in recording media
- 30 years in data media
- 20 years in tape automation

Flexible, long-term data storage solutions

- Capacity choices
- Migration options
- Scalable from entry-level to near-enterprise level solutions
- high density storage in a slim form factor

Proven data storage performance and reliability

| | Model Numbers | Rack Height | Tape Format | WORM Capable | Native Capacity (Max.) | Transfer Rate |
|-------------------------------------|---------------|-------------|-------------|--------------|------------------------|--|
| AUTOLOADERS | LIB-D81/A2T | Desktop | AIT-2 Turbo | YES | 640 GB | 12 MB/s (43.2 GB/h) |
| | LIB-D81/A3 | Desktop | AIT-3 | YES | 800 GB | 12 MB/s (43.2 GB/h) |
| | LIB-D81/A3X | Desktop | AIT-3EX | YES | 1.2 TB | 15 MB/s (54.0 GB/h) |
| | LIB-D81/A4 | Desktop | AIT-4 | YES | 1.6 TB | 24 MB/s (86.4 GB/h) |
| | LIB-D81/A5 | Desktop | AIT-5 | YES | 3.2 TB | 24 MB/s (86.4 GB/h) |
| | LIB-81/A3 | 1U | AIT-3 | YES | 800 GB | 12 MB/s (43.2 GB/h) |
| | LIB-81/A3X | 1U | AIT-3EX | YES | 1.2 TB | 15 MB/s (54.0 GB/h) |
| | LIB-81/A4 | 1U | AIT-4 | YES | 1.6 TB | 24 MB/s (86.4 GB/h) |
| | LIB-81/A5 | 1U | AIT-5 | YES | 3.2 TB | 24 MB/s (86.4 GB/h) |
| RACK MOUNT LIBRARIES | LIB-162/A3 | 2U | AIT-3 | YES | 1.6 TB | Single Drive: 12 MB/s (43.2 GB/h) Two Drives: 24 MB/s (86.4 GB/h) ⁴ |
| | LIB-162/A3X | 2U | AIT-3EX | YES | 2.4 TB | Single Drive: 15 MB/s (54 GB/h) Two Drives: 30 MB/s (108 GB/h) ⁵ |
| | LIB-162/A4 | 2U | AIT-4 | YES | 3.2 TB | Single Drive: 24 MB/s (86.4 GB/h) Two Drive: 48 MB/s (172.8 GB/h) ⁶ |
| | LIB-162/A5 | 2U | AIT-5 | YES | 6.4 TB | Single Drive: 24 MB/s (86.4 GB/h) Two Drives: 48 MB/s (172.8 GB/h) ⁷ |
| PERFORMANCE MINI-LIBRARY | CSM-205/S1 | 5U | SAIT-1 | YES | 10 TB | One Drive 30 MB/s (108.0 GB/h) Two Drive: 60 MB/s (216.0 GB/h) ⁸ |
| | CSM-205/S12 | 5U | SAIT-1 | YES | 10 TB | One Drive 30 MB/s (108.0 GB/h) Two Drive: 60 MB/s (216.0 GB/h) ⁸ |

1. Based on manufacturer's published specifications as of 1/12/06
 2. TB means one trillion bytes, GB means one billion bytes. Capacity may vary
 3. Power On Hours (POH) duty 100%
 4. With two AIT-3 drives





5. With two AIT-3EX drives
 6. With two AIT-4 drives
 7. With two AIT-5 drives
 8. With two SAIT-1 drives

Sony Tape Storage Resources
www.sony.com/storagebysony

Reseller Resources
www.sony.com/resourcecenter

Technical Support
<http://sony.storagesupport.com>

Sales Support
 800. 814.2489

| | Key Benefits | Model Numbers | Native Capacity | Transfer Rate | Number of Drives | Number of Cartridges | Optional Accessories |
|--|---|--|--|--|-----------------------------------|--|---|
|  <p>LIB-D81 SERIES</p> | <ul style="list-style-type: none"> Automation protection for growing business data Ideal entry level automated back-up for small businesses Up to 3.2 TB¹ of storage capacity in convenient space-saving desktop design Front panel provides clear information for ease of use Increased data media security with front door lock Investment protection with Read/Write compatibility² | LIB-D81/A2T LIB-D81/A3 LIB-D81/A3X LIB-D81/A4 LIB-D81/A5 | 640 GB 800 GB 1.2 TB 1.6 TB 3.2 TB | 12 MB/s 12 MB/s 18 MB/s 24 MB/s 24 MB/s | 1 Drive | 8 Cartridge Slots—1 Drive Desktop mini-tower configuration | |
|  <p>LIB-81 SERIES</p> | <ul style="list-style-type: none"> Step up to the convenience of tape automation The industry's first 1U ultra-slim library. An unbeatable combination of capacity, performance and compactness. Excellent space savings design, with 1U rack mount form factor Up to two weeks of unattended backup with 8 cartridges and up to 4.1 TB¹ with compression³ on AIT-4 Reduce your tape media costs through efficient back-up automation Fast file access and data recovery with Sony's advanced Memory in Cassette technology | LIB-81/A2BB LIB-81/A2BRBB LIB-81/A3BB LIB-81/A3BRBB LIB-81/A3XBB LIB-81/A3XBRBB LIB-81/A4BB LIB-81/A4BRBB LIB-81/A5BB LIB-81/A5BRBB | 400 GB 400 GB 800 GB 800 GB 1.2 TB 1.2 TB 1.6 TB 1.6 TB 3.2 TB 3.2 TB | 6 MB/s 6 MB/s 12 MB/s 12 MB/s 18 MB/s 18 MB/s 24 MB/s 24 MB/s 24 MB/s 24 MB/s | 1 Drive | 8 Cartridge Slots—1 Drive Carousel configuration | ACYRK81 19" Rack Mount Kit ACYFL81 Replacement Air Filter ACYBR81 Barcode Reader |
|  <p>LIB-162 SERIES</p> | <ul style="list-style-type: none"> Carousel design with up to two hot swappable AIT drives and 16 media slots for extra performance Up to double the capacity and speed of LIB-81 Complete backups in less time with AIT-4; 86.4 GB¹/hour with 1 drive, 172 GB¹/hour with 2 drives Manage growing backup capacity and data protection needs Fast file access and data recovery with Sony's advanced Memory in Cassette technology | LIB-162A3BB LIB-162A3XBB LIB-162A4BB LIB-162A5BB | 1.6 TB 2.4 TB 3.2 TB 6.4 TB | 12 MB/s 18 MB/s 24 MB/s 24 MB/s | Up to Two AIT (Default: 1 Drive) | 16-cartridge Internal Carousel configuration | EXPANSION DRIVE SLEDS ACYDR162A3VL Left AIT-3 Sled for LIB162A3 ACYDR162A3VR Right AIT-3 Sled for LIB162A3 ACYDR162A3XL Left AIT-3EX Sled for LIB162A3EX ACYDR162A3XR Right AIT-3EX Sled for LIB162A3EX ACYDR162A4L Left AIT-4 Sled for LIB162A4 ACYDR162A4R Right AIT-4 Sled for LIB162A4 ACYDR162A5L Left AIT-5 Sled for LIB162A5 ACYDR162A5R Right AIT-5 Sled for LIB162A5 ACYRK2 19" Std. Rack Mount Kit for LIB162 Series ACYFL162 Replacement Air Filter for LIB162 Series |
|  <p>CSM-20 SERIES</p> | <ul style="list-style-type: none"> Convenient, removable media cartridge magazine in a flexible design for desk side or rack mounting Quick and easy 15-slot removable tape magazine Convenient Desk-side or Rack-mountable unit with up to 10 TB¹ with SAIT-1 Complete backups in less time with SAIT; 86.4 GB¹/hour with 1 drive, 172.8 GB¹/hour with 2 drives Fast file access and data recovery with Sony's advanced Memory in Cassette technology | CSM-20SS1 CSM-20SS12 | 10 TB 10 TB | 30 MB/s 30 MB/s | Up to Two SAIT (Default: 1 Drive) | Up to 20 One 20-slot removable magazine | ACYMZ20E Removable magazine cassette, empty ACYMZ206 Removable magazine cassette, includes 6 SAIT-1 cartridges ACYDR20S1 SAIT-1 Expansion drive for CSM20SS1 ACYRKSL 19" Standard Rack Mount Kit for CSM20 series |

1. 1 GB means one billion bytes and TB means one trillion bytes when referring to tape cartridge capacity. Capacity may vary.
 2. AIT-5 compatible with AIT-4, AIT-3EX, AIT-3. AIT-4 compatible with AIT-3EX. AIT-3EX compatible with AIT-3 and AIT Turbo Series E, 1 and 2.
 3. 2.6:1 compression with ALDC.

OPTIONAL SERVICE CONTRACT AVAILABLE.

- Advance Exchange
- Onsite Support
- Extended warranty

Contact your dealer or visit www.sony.com/storagebysony

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