

AIT Library LIB-162

SONY

The Sony Advanced Intelligent Tape (AIT) Library LIB-162 System offers an ideal solution for your growing backup needs. With AIT-3 drive(s), the LIB-162 System stores up to 4.16TB* (at 2.6:1 compression with ALDC) and provides high data transfer rates – yet only measures 2U-high (16.9" x 3.5" x 26.8"). AIT's proven reliability and robust robotics ensure long-lasting performance. Choose one or two AIT-1, AIT-2, or AIT-3 tape drives to balance performance and value.

LIB-162/A1, A2, A3



Storage by Sony™

KEY FEATURES AND BENEFITS

4.16 TB* (2.6:1 COMPRESSION) IN A 2U CONFIGURATION WITH AIT-3 DRIVE(S)
Large capacity in a compact rack-mount environment.

HIGH-SPEED ULTRA WIDE LVD/SE SCSI CONNECTIVITY

Offers a convenient, high-throughput connection to a backup server with standard 68-pin Ultra Wide SCSI connectors.

BROWSER-BASED REMOTE MANAGEMENT AND MONITORING

Administrators can monitor and manage the entire system from most web browsers.**

IS THIS SOLUTION RIGHT FOR YOU?

1. HOW MUCH BACKUP CAPACITY DO YOU NEED?

The AIT LIB-162 System comes standard with one AIT-2 Tape Drive, which can be scaled to two AIT-2 drives. Total compressed storage capacity with 15 cartridges is 4.16 TB*.

2. WHAT TYPE OF SERVER INTERFACE DO YOU HAVE?

The Sony AIT LIB-162 System features Wide standard 68 pin LVD/SE SCSI connectors for high throughput and broad compatibility.

3. DO YOU HAVE NEAR-LINE STORAGE NEEDS?

Sony AIT LIB-162 Systems are well suited to near-line storage. They incorporate memory-in-cassette (MIC) technology, which allows fast access to data.

4. NEED A SCALABLE, COMPACT, EXTREMELY RELIABLE TAPE STORAGE SOLUTION?

The Sony AIT LIB-162 System meets these requirements and is tested, proven, and backed by Sony.

*TB means one trillion bytes when referring to tape cartridge capacity. Capacity may vary.

**Web browser based graphical user interface compatible with Netscape® 4.61, Internet Explorer (5.0 or later) for Windows®, Netscape (4.7 or later) for Windows®/Macintosh®/Solaris®/Linux®

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SPECIFICATIONS

PART NUMBER	LIB-162/A1	LIB-162/A2	LIB-162/A3
DRIVE TYPE	AIT-1 Tape Drive	AIT-2 Tape Drive	AIT-3 Tape Drive
CAPACITY	0.56 TB* native, 1.45 TB* compressed**	0.8 TB* native, 2.08 TB* compressed**	1.6 TB* native, 4.16 TB* compressed**
NUMBER OF CARTRIDGES	16	16	16
INTERFACE/CONNECTORS	Ultra Wide SCSI LVD/SE/68 Pin	Ultra Wide SCSI LVD/SE/68 Pin	Ultra 160 Wide SCSI LVD/SE/68 Pin
SUSTAINED TRANSFER RATE	4 MB/s native 10.4 MB/s compressed**	6 MB/s native 15 MB/s compressed**	12 MB/s native 31.2 MB/s compressed**
BURST TRANSFER RATE	Asynchronous: 12.0 MB/s (max) Synchronous: 40.0 MB/s (max)	Asynchronous: 12.0 MB/s (max) Synchronous: 40.0 MB/s (max)	Asynchronous: 12.0 MB/s (max) Synchronous: 160.0 MB/s (max)
GB/HOUR TRANSFER RATE *** (2 drives)	28.6 (max.) GB per hour native 74.9 (max.) GB per hour compressed**	43.2 (max.) GB per hour native 112 (max.) GB per hour compressed**	86.4 (max.) GB per hour native 224.6 (max.) GB per hour compressed**
CARTRIDGE ACCESS TIME	< 14 seconds	< 14 seconds	< 14 seconds
RECORDING METHOD	Advanced 8mm Helical Scan	Advanced 8mm Helical Scan	Advanced 8mm Helical Scan
DRUM ROTATIONAL SPEED	6,400 RPM	6,400 RPM	6,000 RPM
BUFFER SIZE	10 MB	10 MB	18 MB
ERROR RATE	Less than 10 ⁻¹⁷ bits	Less than 10 ⁻¹⁷ bits	Less than 10 ⁻¹⁷ bits
RELATIVE HUMIDITY	20 – 80% (non-condensing, operating)	20 – 80% (non-condensing, operating)	20 – 80% (non-condensing, operating)
OPERATING TEMP	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)	50°F to 95°F (10°C to 35°C)
NON-OPERATING TEMP	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
DIMENSIONS (WxHxD)	16.9 x 3.5 x 26.8 inches	16.9 x 3.5 x 26.8 inches	16.9 x 3.5 x 26.8 inches
WEIGHT	39.2 lbs (1 drive and no cartridges)	39.2 lbs (1 drive and no cartridges)	39.2 lbs (1 drive and no cartridges)
ROBOTICS MSBF	>1,000,000	>1,000,000	>1,000,000
DRIVE MTBF****	>300,000 Power on Hours at 100% duty cycle	>300,000 Power on Hours at 100% duty cycle	>400,000 Power on Hours at 100% duty cycle
HEAD LIFE****	>50,000 hours	>50,000 hours	>50,000 hours
MEDIA USE****	>30,000 passes or approx. 30 years	>30,000 passes or approx. 30 years	>30,000 passes or approx. 30 years
MEDIA COMPATIBILITY	AIT-1 25 GB SDX1-25C AIT-1 35 GB SDX1-35C	AIT-1 25 GB SDX1-25C AIT-1 35 GB SDX1-35C AIT-2 36 GB SDX2-36C AIT-2 50 GB SDX2-50C	AIT-1 25 GB SDX1-25C AIT-1 35 GB SDX1-35C AIT-2 36 GB SDX2-36C AIT-2 50 GB SDX2-50C AIT-3 100 GB SDX3-100C
MEDIA TYPE	Advanced Metal Evaporated (AME)	Advanced Metal Evaporated (AME)	Advanced Metal Evaporated (AME)
SOFTWARE AND PLATFORM COMPATIBILITY	Refer to www.storagebysony.com for a complete list of software and platform compatibility	Refer to www.storagebysony.com for a complete list of software and platform compatibility	Refer to www.storagebysony.com for a complete list of software and platform compatibility
LIMITED WARRANTY	3 year limited warranty, on-site service options	3 year limited warranty, on-site service options	3 year limited warranty, on-site service options
OPTIONAL ACCESSORIES (not included)	AIT-1 Expansion Drive Sled (ACY-DR162/A1) 19" Standard Rack Mount Kit (ACY-RK2) Replacement Air Filter (ACY-FL162)	AIT-2 Expansion Drive Sled (ACY-DR162/A2) 19" Standard Rack Mount Kit (ACY-RK2) Replacement Air Filter (ACY-FL162)	AIT-3 Expansion Drive Sled (ACY-DR162/A3) 19" Standard Rack Mount Kit (ACY-RK2) Replacement Air Filter (ACY-FL162)

*TB means one trillion bytes when referring to tape cartridge capacity. Capacity may vary.

**2.6:1 compression with ALDC

***Requires Expansion Drive Sled to achieve maximum transfer rate.

****MTBF, head life and media use specifications are averages based on normal office environmental conditions. Actual experiences may vary.

SONY®

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