



SONY®



AIT-5 For businesses requiring maximum capacity in a compact 8mm format.

- Ultra high capacity and performance in a 3.5" form factor—delivering up to 400 GB¹ native / 1.04 TB compressed²
- Exceptional backwards compatibility, with three generations (AIT-4, AIT-3EX and AIT-3)
- Performance, compatibility, and reliability enhanced by three new technology innovations: New MR Heads, New AME III media formulation, and Dynamic Tracking



AIT-4 For businesses that require high capacity and performance for data back-up, disaster recovery, and archiving

- High capacity and performance within a small space—200 GB native/ 520 GB compressed²
- Proven, multi-generation roadmap³ with backward capability⁴
- Compatible with most most back-up and archival software and operating systems
- WORM multi-functionality for enhanced data security



AIT-3EX Bridging value and performance

- Up to 150 GB native (390 GB compressed²) in a compact, 8mm data cartridge
- Bridges compatibility between newer, higher capacity AIT generations and entry level AIT generations
- High capacity in a compact 3.5-inch form factor
- Easily integrate into desktop workstations, servers, and automated tape libraries



AIT-3 Logical step for midsize businesses requiring server level data backup and protection

- Match growing server data with AIT-3, offering up to 260 GB capacity²
- Super drive class performance
- Designed for reliable access to critical data—industry leading 400,000 hours MTBF⁵
- Multi-functional with standard rewriteable media and WORM media



AIT Turbo Series

Designed for small businesses requiring value-oriented tape drives, AIT Turbo offers ideal price and performance options for entry server backup. Clearly, AIT Turbo is a logical alternative to DDS/DAT backup.

AIT-2 Turbo

- 80 GB (native), 208 GB (compressed)²
- 12 MB/s sustained transfer rate

AIT-1 Turbo

- 40 GB (native), 104 GB (compressed)²
- 6 MB/s sustained transfer rate

AIT-E Turbo

- 20 GB (native), 52 GB (compressed)²
- 6 MB/s sustained transfer rate

Multiple Interfaces Available (AIT-2 Turbo and AIT-1 Turbo)

AIT DRIVES

Sony AIT offers compatibility from AIT-5 to AIT Turbo drives, allowing businesses to rely on a single storage format that grows with increasing data requirements. With reliable data recording technology, up to 11X DAT-72⁷ capacity, using AIT-5 technology, and outstanding data access and recovery speeds, Sony AIT internal and external drives offer a smart investment and upgrade alternative for DDS and DLT™ format users.

Take advantage of fast file access and data recovery with Sony's advanced Memory-In-Cassette (MIC) enabled media. Reduce maintenance while prolonging drive and media life with significantly cleaner, highly reliable AIT Advanced Metal Evaporative (AME) media.

The full Sony AIT line includes cost-effective drives, easy to use automated libraries for unattended backup, and packaged solutions such as AIT WORM (Write-Once-Read-Many) for over-write protected data retention, ideal for archival requirements. Flexible connectivity options are also available—SCSI, ATAPI, SATA, and USB/i.LINK® (IEEE 1394) interfaces. Sony AIT internal drives include rail kit accessories to install into ProLiant® systems, as well a user guide for Sony SCSI-based AIT tape drives to help you create your disaster recovery tape smoothly and quickly.

A storage investment so smart, no wonder they call it the Advanced Intelligent Tape™ solution.

1. In all cases within this data sheet all GB means one billion bytes and TB means one trillion bytes.

2. Using 2.6:1 compression with ALDC. Accessible capacity may vary.

3. Specifications and product development plans are subject to change without notice.

4. Backward read-and-write compatible with AIT-3EX media.

5. Based on 100% Duty Cycle.

6. Based on manufacturer's published specifications as of 7/1/06

7. DAT72 36 GB vs. AIT-5 400 GB native.

	AIT-5 DRIVES	AIT-4 DRIVES	AIT-3EX DRIVES	AIT-3 DRIVES
PART NUMBER	AIT-i1040s* Internal SCSI Drive AIT-e1040s* External SCSI Drive	AIT-i520s* Internal SCSI Drive AIT-e520s* External SCSI Drive	AIT-i390* Internal SCSI Drive AIT-e390* External SCSI Drive	AIT-i260s* Internal SCSI Drive AIT-e260s* External SCSI Drive
MAX. CAPACITY	400 GB ¹ (native) 1.04 TB (compressed ²)	200 GB (native) 520 GB (compressed ²)	150 GB (native) 390 GB (compressed ²)	100 GB (native) 260 GB (compressed ²)
INTERFACE	Ultra 160 Wide SCSI LVD/SE/68 Pin	Ultra 160 Wide SCSI LVD/SE/68 pin	Ultra 160 Wide SCSI LVD/SE/68 Pin	Ultra 160 Wide SCSI LVD/SE/68 Pin
MAX. SUSTAINED TRANSFER RATE	24 MB/s (native)	24 MB/s (native)	18 MB/s (native)	12 MB/s (native)
MAX. SUSTAINED TRANSFER RATE	86.4 GB/h (native)	86.4 GB/h (native)	64.8 GB/h (native)	43.2 GB/h (native)
MAX BURST TRANSFER RATE	160 MB/s (Sync., Max.)		160.0 MB/s (Sync., Max.)	Synchronous: 160 MB/s
OPERATING TEMP	40°F to 140°F (5°C to 40°C)	40°F to 104°F (5°C to 40°C)	50° F to 95° F	40°F to 104°F (5°C to 40°C)
DIMENSIONS (WxHxD)	4.0x1.62x6.10 inches (internal) 7.44x2.28x10.31 inches (external)	4.0x1.62x6.10 inches (internal) 7.44x2.28x10.31 inches (external)	5.75 x 1.62 x 6.10 inches (internal) 7.80 x 2.54 x 9.69 inches (external)	4.0 x 1.62 x 6.10 inches (internal) 7.44 x 2.28 x 10.31 inches (external)
WEIGHT	1 lb, 11.5 oz. (internal) 4 lbs, 14 oz. (external)	1 lb, 11.5 oz (internal) 4lbs, 14 oz (external)	2 lb 4 oz (internal) 5 lb 5 oz (external)	1 lb, 11.5 oz (internal) 4 lbs, 14 oz (external)
MEDIA COMPATIBILITY	AIT-3 100 GB SDX3-100C AIT-3Ex 150GB SDX3X-150C AIT-4 200 GB SDX4-200C AIT-5 400 GB SDX5-400C	AIT-4 200 GB SDX4-200C AIT-3EX 150 GB SDX3X-150C	AIT-ET 20 GB TAITE-20N (read only) AIT-1 25 GB SDX1-25C (read only) AIT-1 35 GB SDX1-35C (read only) AIT-1T 40 GB TAIT1-40N (read only) AIT-2 36 GB SDX2-36C (read only) AIT-2 50 GB SDX2-50C (read only) AIT-2T 80 GB TAIT2-80N AIT-3 100 GB SDX3-100C AIT-3EX 150 GB SDX3X-150C	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 AIT-ET 20 GB TAITE-20N (read only) AIT-1T 40 GB TAIT1-40N (read only) AIT-2T 80 GB TAIT2-80N (read only)
SOFTWARE	Symantec QuickStart Edition (Available with selected models marked with an *)	Symantec QuickStart Edition (Available with selected models marked with an *)	Symantec QuickStart Edition (Available with selected models marked with an *)	Symantec QuickStart Edition (Available with selected models marked with an *)
LIMITED WARRANTY	3 years limited warranty, 3 years advance exchange	3 years limited warranty, 3 years advance exchange	3 years limited warranty, 3 years advance exchange	3 years limited warranty, 3 years advance exchange
ACCESSORIES	AIT-5 Cleaning Cassette SDX5-CL AIT-5 Media 400GB SDX5-400C Replacement Parts: KIT-BAV/5-UP-S (White Bezel Kit w/ Dust Cover) KIT-BAV/5-UP-B (Black Bezel Kit w/Dust Cover)	AIT-4 Cleaning Cassette SDX4-CLL AIT-4 Media 200 GB SDX4-200C Replacement Parts: KIT-BAV/4-UP-S (White Bezel Kit w/ Dust Cover) KIT-BAV/4-UP-B (Black Bezel Kit w/ Dust Cover)	AIT-3Ex Cleaning Cassette SDX3C-CL AIT-3Ex Media 150GB SDX3X-150C Replacement Parts: KIT-BAV/3-UP-S (White Bezel Kit w/Dust Cover) KIT-BAV/3-UP-B (Black Bezel Kit w/Dust Cover)	AIT-CL Cleaning Cassette SDX1-CL AIT-3 Media 100 GB SDX3-100C Replacement Parts: KIT-BAV/3-UP-S (White Bezel Kit w/ Dust Cover) KIT-BAV/3-UP-B (Black Bezel Kit w/ Dust Cover)

	AIT-2 TURBO DRIVES	AIT-1 TURBO DRIVES	AIT-E TURBO DRIVES
PART NUMBER	AIT-i200S* Internal SCSI Drive AIT-i200AS* Internal ATAPI Drive AIT-i200ST Internal SATA Drive AIT-e200S* External SCSI Drive AIT-e200UL External USB/Firewire Drive	AIT-i100S* Internal SCSI Drive AIT-i100AS* Internal ATAPI Drive AIT-i100ST Internal SATA Drive AIT-e100S* External SCSI Drive AIT-e100UL External USB/Firewire Drive	AIT-i50S* Internal SCSI Drive AIT-i50AS* Internal ATAPI Drive AIT-e50S External SCSI Drive
MAX. CAPACITY	80 GB (native) 208 GB (compressed)	40 GB (native) 104 GB (compressed)	20 GB (native) 52 GB (compressed)
INTERFACE	Ultra Wide SCSI LVD/SE/68 Pin; i.LINK ³ /USB 2.0/1.1 combo; IDE (ATAPI)	Wide Ultra SCSI LVD SE; ATA/ATAPI-6_Ultra DMA mode5 (Ultra AT/100) IEEE1394(i.LINK S400) USB2.0, (USB1.1 operation with USB1.1 performance)	Wide Ultra SCSI LVD SE ATA/ATAPI-6_Ultra DMA mode5 (Ultra AT/100)
MAX. SUSTAINED TRANSFER RATE	12 MB/s (native)	6 MB/s (native)	6 MB/s (native)
MAX. SUSTAINED TRANSFER RATE	43.2 GB/h (native)	21.6 GB/h (native)	21.6 GB/h (native)
MAX BURST TRANSFER RATE	Synchronous: 40.0 MB/s; ATAPI: 66.0 MB/s	Wide Ultra SCSI LVD SE : 40MB/s; ATA/ATAPI-6_Ultra DMA mode5 (Ultra AT/100): 100MB/s; IEEE1394 : 40Mbps, USB2.0 : 480Mbps	Wide Ultra SCSI LVD SE : 40MB/s ATA/ATAPI-6_Ultra DMA mode5 (Ultra AT/100): 100MB/s
OPERATING TEMP	40°F to 104°F (5°C to 40°C)	40°F to 104°F (5°C to 40°C)	40°F to 104°F (5°C to 40°C)
DIMENSIONS (WxHxD)	4.0 x 1.62 x 6.10 inches (internal) 7.44 x 2.28 x 10.31 inches (external) 7.8 x 2.5 x 9.68 inches (external USB/i.LINK) 5.87 x 1.62 x 6.68 inches (internal ATAPI)	4.0x1.62x6.10 inches (internal) 7.44x2.28x10.31inches (external)	4.0x1.62x6.10 inches (internal) 7.44x2.28x10.31inches (external)
WEIGHT	1 lb, 11 oz (internal) 4 lbs, 14 oz (external) 2.4 lbs. (external USB/i.LINK) 2.3 lbs. (internal ATAPI)	1 lb, 11.5 oz (internal) 4lbs, 14 oz (external)	1 lb, 11.5 oz (internal) 4lbs, 14 oz(external)
MEDIA COMPATIBILITY	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-ET 20 GB TAITE-20N AIT-1T 40 GB TAIT1-40N AIT-2T 80 GB TAIT2-80N	AIT-1T 40 GB TAIT1-40N (non-MIC) AIT-1T 40 GB TAIT1-40C (MIC) AIT-1E 20 GB TAITE-20N AIT-1 25 GB SDX-125C AIT-1 35 GB SDX-135C	TAITE-20N (non-MIC)
SOFTWARE	Symantec QuickStart Edition (Available with selected models marked with an *)	Symantec QuickStart Edition (Available with selected models marked with an *)	Symantec QuickStart Edition (Available with selected models marked with an asterisk)
LIMITED WARRANTY	3 years limited warranty, 3 years advance exchange	3 years limited warranty, 3 years advance exchange	3 years limited warranty, 3 years advance exchange
OPTIONAL ACCESSORIES	AIT-CL Cleaning Cassette SDX1-CL AIT-2 Media 36 GB SDX2-36C AIT-2 Media 50 GB SDX2-50C Replacement Parts: KIT-BT/2-UP-S (White Bezel Kit w/ Dust Cover) KIT-BT/2-UP-B (Black Bezel Kit w/ Dust Cover)	AIT-CL Cleaning Cassette SDX1-CL AIT-1 Turbo Media 40GB TAIT1-40C Replacement Parts: KIT-BT/1-UP-S (White Bezel Kit w/ Dust Cover) KIT-BT/1-UP-B (Black Bezel Kit w/ Dust Cover)	AIT-CL Cleaning Cassette SDX1-CL AIT-E Turbo Media 20GB TAITE-20C Replacement Parts: KIT-BT/E-UP-S (White Bezel Kit w/ Dust Cover) KIT-BT/E-UP-B (Black Bezel Kit w/ Dust Cover)

- In all cases within this data sheet GB means one billion bytes, TB means one trillion bytes.
- Assumes 2.6:1 compression with ALDC. Accessible capacity may vary.
- i.LINK is the trademark of Sony used only to designate that the product contains an IEEE1394 connector. All products with an i.LINK connector may not communicate with each other.

SONY®

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