



Article Side

Sony AIT 4 Has Proved Its Robustness and Unmatched Storage Efficiency in Today's SMB Environment by [Rob Miller](#)

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Disruptions to in-time data availability can adversely affect your business activities thus damaging the customer trust and impeding productivity. To address the need for smooth & uninterrupted business operations, ongoing backup storage is critically important. So the data administrators can free themselves from the headaches of hardware malfunctions, viruses and malicious data corruption. Small & medium business sector is also backing up their valuable data, as they are competing in instrumented E-business environment. With shrinking budgets, high speed enterprise applications and fast growing databases, data administrators require more intelligent and compact solutions for their mission critical systems.

Sony's AIT (Advanced Intelligent Tape) solution is the most widely used format and trusted by the SMBs for long term reliability and investment protection. It is based on the compact 8mm form factor and offers five successive generations. Sony AIT4 solution's highly robust drives and media tape provide perfect balance of space efficiency, consistent performance and industry-leading reliability. AME (Advanced Metal Evaporated) formulation is the major factor behind the exceptional durability and superior storage density of AIT-4 tape. So the users can easily squeeze a handsome amount of data (200 GB native) onto AIT4 media cartridge. The combination of small media size and massive capacity will allow backups of voluminous data without increasing your media storage space.

You have an exceptional choice with SDX-D900V/NB, external AIT4 drive. The internal drive model is SDX-900V. The SCSI LVD drive interface helps improve the compatibility. So the widest array of midrange & small computing systems can be secured with this robust AIT4 system. These drives use the industry-proven helical scan system for writing and reading the tapes. This intelligent system delivers excellent reliability and reduces media wear-and-tear. So the drive head can accurately perform its operations at a fast rate and deliver an incredible working life of 50000 hrs.

The AIT4 tape cartridge also contributes to the long term reliability with its longer media life (30000 passes). Once you have made investment in Sony AIT solution, you won't run out of backup storage capacity. Faster backup performance and improved media capacity can be achieved with minimal investment. The solution is migration to AIT-5 format. Your current AIT 4 tapes will be helpful in minimizing the burden of backup datasets, as you can fully operate them with AIT5 drive. SDX5-400C is the next generation tape that houses 1.04TB compressed data.

Sony AIT4 drives are designed for fast and accurate storage/retrieval tasks. The drives consistently stream data at 24MB/second. So, massive 86.4GB information can be quickly copied onto AIT 4 media tape. The self cleaning system keeps the drive in top condition and ensures a 400,000 hours MTBF rating. So the rock solid reliability and fast backups can be achieved with this smart solution at a low cost. Biggest advantage of these AIT 4 drives is that data can be extracted without any hassle from all of the previous AIT3, AIT2 and the AIT1 tapes. That means the previous backup data won't be lost when the organizations upgrade the AIT system.

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[Rob Miller](#) - About Author:

Frank Miller is the Marketing Manager of BackupTape and markets a [highly reliable](#) and a [offers](#). He has vast experience in the marketing and trading industries and has been helping buyers who have the backup needs and guide clients about the technology.

Frank Miller
3984 Washington Blvd #503 Fremont CA 94538
Tel: 888-686-8273
Fax: 888-449-5050
Email: sales@backuptapes.net

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