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Sony AITe520S Drive Delivers Excellent Performance with AIT-4, SDX4-200C Tape

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Large data amounts are being produced by the organizations. The volume of corporate databases continues to increase as the previous analogue data is being converted to digital format fortified by the avalanche of E-business applications.  The medium & small businesses call for AIT tape format, the most reliable, space-efficient and intelligent backup medium.  AIT (Advanced intelligent tape) format was invented by Sony. AIT tape format delivers highest recording density in its class.

Data administrators prefer AIT 4 tape format for financial organizations, small networks, enterprise workgroups, busy data centers, government agencies, medium-sized businesses, branch offices and enterprise applications. Sony AITe520S drive, based on AIT4 technology, offers the high speed storage performance demanded by todayâ€™s IT environments. Sony AITe520S is an external drive. Thanks to the Ultra 160 SCSI host connectivity, the AITe520S external drive can be seamlessly integrated into complex server environments.

For long term reliability and high speed backups, Sony has developed highly robust AIT-4 backup tapes that feature 30 year media life. WORM is an intelligent technology that safeguards the data against common human errors, accidental data deletions and malicious data corruption. Good news is that Sony AIT4 tape is also available with WORM functionality, its part number is SDX4-200W. Sony AIT4 rewritable tapeâ€™s part number is SDX4-200C. With Sony AIT4 format, the I.T managers can satisfy the toughest of government regulations at a lower cost per GB. Thanks to the increased storage density, a single AIT4 cartridge can house large amount of corporate data files. Native 200 GB information can be backed up on AIT 4 tape with superior data integrity.

Sony AITe520S drive can perform read/write operations on AIT 4 and AIT 3 cartridges. Whatâ€™s more, recorded data from AIT-2 and AIT-1 media tapes can also be restored with AITe520S tape drive. Few of the other Sony-branded backup tapes that are highly popular in SMB marketplace are:

Sony LTO2 tape,  ltx200g

Sony DAT160 tape, DGDAT160

Sony AIT3 tape,  SDX3-100C

Sony LTO 1 tape,  ltx100g

Sony AIT2 tape,  SDX2-50C

Sony DAT-72 tape,  DGDAT72

Sony DLT-IV tape,  DL4TK88

AIT drives use ALDC (Adaptive Lossless Data Compression), which has increased the compression ratio to 2.6:1. Therefore, 520 GB compressed data can be backed up on AIT4 cartridge.  Sony AITe520S drive offers fast data transfer that reaches up to 24 Mbps in native mode. An exclusive dust proof bezel has been incorporated in AITe520S external drive, which protects the drive components from dust and other airborne pollutants.  So the customers can enjoy uninterrupted backups and improved overall performance even in dusty office environments. In compressed mode, the Sony AITe520S drive achieves throughput speed of 62 MB/second. A small memory chip

called R-MIC (remote memory in cassette) has been embedded in AIT 4 cartridge to help shorten the tape load/unload time and boost the searching speed. Thanks to the incorporation of R-MIC technology, the media loading time has been dramatically improved to 12 seconds (average).

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