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IBM DDS-6 Internal USB Drive is Ideally Designed for DAT-160, 23R5635 Backup Tape Cartridge by [Rob Miller](#)

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The data administrators are really having a tough time as they are asked to maintain service level objectives, meet data retention laws, reduce the operational IT costs, manage the infrastructure complexity and handle the ever increasing volumes of corporate data. Slim IT budgets and assurance of in-time data availability further intensifies the backup challenges. These rigid backup needs and heightened data security concerns can be economically met with the DDS tape media format, which has maintained its market dominance for more than two decades. Latest versions of DDS backup tape technology are DAT 320 and DAT 160, which are also called DDS-7 and DDS 6 media tape generations.

IBM is an industry leader of tape storage technology. Since 1952, IBM has introduced numerous breakthrough technologies to help enhance the durability and backup performance of tape storage formats. IBM DDS tape solutions are designed to satisfy the demands of SMB customers at an affordable price. IBM DAT-160 is the best tape solution for the growing backup demands of small businesses, time-critical applications, branch offices, enterprise workgroups, network backups, medium-sized companies and workstations. IBM DDS-6 cartridge, part number 23R5635, features a robust architecture and an intelligently designed base film that ensures precise data tracking and greater recording efficiency under high duty cycles. IBM DDS6 tape can squeeze native 80 GB data.

IBM has developed a super-fast DDS-6 internal USB drive, part number 39M5636, which optimizes the backup performance and delivers the data transfer speed demanded by the data centers of storage-intensive SMBs. Its low total ownership cost, exceptional compatibility and higher reliability makes it an ideal tape drive for commercial applications. IBM DDS6 drive is intelligently engineered for IBM System x systems. The drive can also be installed in tape drive enclosures as an external unit, which provides the IT managers greater flexibility. The drive can be configured with 4U or 1U rack mount enclosures.

DDS 6 media tapes are being developed by the tape industry's foremost companies. All brands of DDS 6 tapes are ideally suited for long term data preservation and comply with the industry specifications and standards. Some of the popular DDS 6 tapes' part numbers are MR-D6MQN-01 (Quantum), DGDAT160 (Sony), 26837 (Imation), 230010 (Maxell) and 27822 (TDK).

IBM internal DAT 160 drive achieves a remarkable speed of 13.8 Mbps (compressed). Its slim 5.25 inch form factor saves more space and facilitates the users to efficiently integrate the drive into their existing complex data centers. The most compelling feature of IBM DDS-6 USB drive is its remarkable compatibility with previous two DDS tape media versions. IBM DDS6 drive can reliably record as well as restore data from DDS 5 and DDS 4 tapes.

IBM DDS 6 tape's strong cartridge shell ensures reliable protection in event of inadvertent drops or rough handlings. That is why the IBM DDS 6 tape customers can be confident of safe transportation to remote sites and reliable off-site storage.

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