



SKT-1300 4mm Tape Subsystem Digital Auto Tape (DAT) Technology for DG!

Zetaco's SKT-1300 Tape Subsystem offers the high capacity and space-saving convenience of 4mm Digital Auto Tape (DAT) to Data General MV Systems.

- * **High Capacity!** Over 1000 megabytes of data storage on one, pocket-size 4mm cartridge.
- * **Streaming Performance!** 183 KB/sec with sequential files from Zetaco's SKS-HP disks.
- * **Full Compatibility!** Designed under MTJ, the driver that Data General designed for cartridge tape.
- * **Small footprint!** Only 5" high, 9" wide, 12" deep.
- * **Low media cost!** About 1 cent per megabyte!
- * **Industry standard!** Product uses standard SCSI Interface for easy connection. This standard interface allows moving product to another computer platform at a later date. (i.e. AViiON, Sun)

DDS tape format provides data interchange path across different systems.

Unattended Back-up!

The cartridge tape drive used in the SKT-1300 provides capacity large enough to allow unattended back-up of most 5¼" winchester disk drives. Over 1000 MB (1 gigabyte) of data can be stored on a single cartridge, which is so small, it fits into a shirt pocket.

High Reliability

The SKT-1300 employs advanced error correction techniques, including direct read after write (DRAW). DRAW detects errors in a block and any bad blocks are re-written on a subsequent track, without interruption to tape motion. Error rate of less than 1 in 10¹⁵ bits.

The SKT-1300 Subsystem is designed such that preventative maintenance is not required, only a periodic cleaning of the tape path.

Fast File Search

Supports both fixed and variable records thus emulating ½" reel to reel tape. Fast search at up to 200 times the normal read/write speed allows access to filemarks, record boundaries within 20 seconds.

Office Environment

The drive is packaged in a table-top enclosure that measures only 5" high, 9" wide and 12" deep. This compact Enclosure allows location of the drive to be close to the user, allowing convenient access to the back-up media.

Complete Package

SKT-1300 is supplied complete with controller, 4mm drive in enclosure, all required cables, software support tape, and Technical Manual. Data cartridges are available from Zetaco, as well as industry tape sources.

Although 9-ft cable is standard, the SKT-1300 supports optional cable lengths of up to 30 feet to allow the drive to be conveniently placed on an operator's desk.

Advanced Controller Design

Zetaco's SCZ-4 Controller hardware is the latest evolution in the field-proven SCZ line of controllers. The firmware used with the SCZ-4 has been specifically tailored for compatibility with Data General's MTJ driver, which supports Data General's 6351/2 21MB and 130MB tape drives.

Helical Scan Tape Drive

Drive performance is 183 KB/sec, and performance in most applications is limited only by factors external to the tape subsystem.

Instead of relying on an additional SCSI interface adaptor, the SKT-1300 takes advantage of the embedded SCSI interface within the drive.

Specifications

Models	SKT-1300 (single-ended) SKT-1300D (differential)
Transfer Rate	183KB/sec (sustained)
Safety	Certified for UL
EMI	FCC Class A
Power	120 VAC, 60 Hz
MTBF	> 20,000 hours at typical usage
MTTR	< 30 minutes
Error Rate	Non-recoverable error rate; less than one in 10^{15} bits read.
Load Time	25 seconds
Average Search Time	20 seconds
Fast Search Time	200 times normal read/write speed
Tape Format	DDS Format

For More Information...

.....Please contact Zetaco or our
Authorized Stocking Distributors.

Zetaco: (612) 941-9480

Design Data Systems: (301) 424-7870
(covering Eastern U.S.)

Interscience Computer: 800-627-2007
(covering Western U.S.)

Zetaco continually strives to improve its products and may, therefore, modify or deviate from the specifications and descriptions presented in this document without prior notice.

June 1990