



DTX – 2100S

SCSI FLASH DISK



OVERVIEW

- **Category:** Solid State Flash Disk
- **Form Factor:** 3.5-inch
- **Host Interface:** SCSI-2
- **Technology:** Flash disk emulation of standard fixed disk or tape storage
- **Capacity:** 64 MBytes to 64 GBytes flash disk storage
- **Sustained Transfer Rates:** 6.0 MBytes/sec read, 5.2 MBytes/sec write (128 blocks)

FLASH DISK DESCRIPTION

The **DTX 2100S** provides the same storage functions as hard disk drives, plus the enhanced operating reliability of long life MTBF and rugged durability. The industry standard SCSI interface simplifies the integration of flash drive storage memory into any computing platform and operating environment.

The **DTX 2100S** uses Adtron SmartStorage™ architecture to deliver capacities to meet your demanding application needs. Adtron SmartStorage architecture enables the **DTX 2100S** to emulate industry standard fixed disk and tape storage products with operating characteristics familiar to system designers. Designed for heavy duty operation, **DTX 2100S** perform under conditions of extended temperatures, high shock and vibration and rapid temperature gradients. Extensive capacity configurability provides a range of solutions to meet the needs of virtually every application.

No system modifications are required to replace a SCSI hard disk drive in an existing embedded application making it easy to upgrade the reliability of the computing platform to all solid state flash disk performance.

SOLID STATE DISK RELIABILITY

Prediction Method	MTBF*
MIL-HDBK-217F	250,000 hours
Telcordia	1,400,000 hours (ground fixed, uncontrolled)
Telcordia	2,900,000 hours (ground fixed, controlled)

*Tested with 1GB capacity at 30°C