

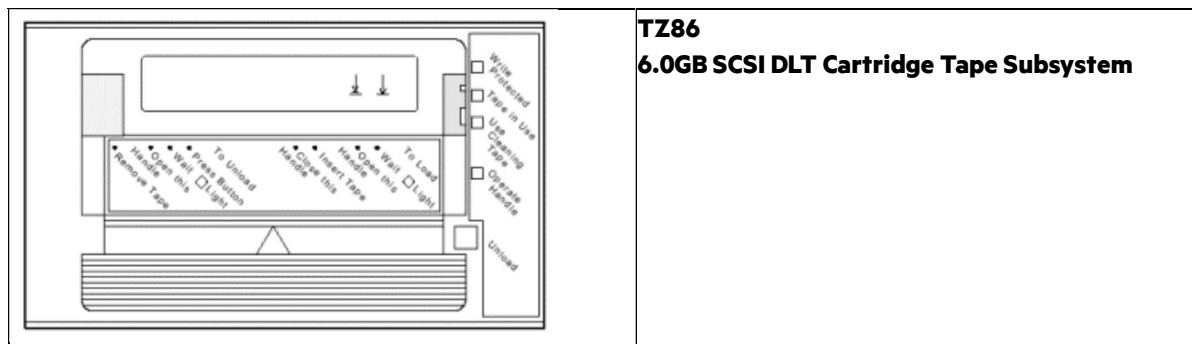
DIGITAL TZ86 6GB DLT Tape SubSystem - Overview

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Product Description



TZ86

6.0GB SCSI DLT Cartridge Tape Subsystem

The TZ86 series of cartridge tape subsystems are used primarily as backup storage devices and as devices for loading software onto Digital computer systems. The TZ86 comes embedded in a system enclosure or in a tabletop enclosure with its own power supply. The TZ86 drive is a streaming tape drive that can store up to 6.0 gigabytes of data on a CompacTape III cartridge.

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Product Features

Features	Description
Capacity	6.0 GBytes on CompacTape III cartridge (42GB with a loader)
Compatibility	<ul style="list-style-type: none"> • CompacTape III (TK85) Read/Write in 85 mode (48 tracks, 2.6 GBF) • CompacTape III (TK86) Read/Write in 86 mode (112 tracks, 6.0 GBF)
Data Integrity	<ul style="list-style-type: none"> • 64 bit CRC in each 2K of data on media • Reed Solomon ECC • End to end EDC on data
Cache	512 Kbytes Formatter/ECC Buffer RAM, w/parity
SCSI Interface	<ul style="list-style-type: none"> • SCCompliant with SCSI-2 and with DEC SCSI requirements • 8 bit wide SCSI data path, single ended implementation • NCR 53C96 SCSI controller chip used for the SCSI interface. • Synchronous and asynchronous data transfers supported • Differential and Single Ended SCSI Bus options SI-1 (bus length 6 meters for single-ended) • 50-pin Low Density Connector (Centronics style)

Diagnostic/Troubleshooting Features	<ul style="list-style-type: none"> • Serial RS 422 ports on the drive and controller for offline troubleshooting and POST error reporting • Extensive built in diagnostics • LEDs for indication of POST failure/success, and command traffic • Errors recorded in EEPROM for later analysis at repair sites • Extensive Error and Statistical information in the Sense Data
Head	56 track pairs
Firmware Update	Field update via Flash EEPROM

Features

- 6.0 GByte cartridge capacity for TZ86 (42 GB with Loader)
- 1.1 MBytes/second raw data rate to media
- Up to 800 KBytes/second sustained data rates
- 4 to 5 MBytes/second synchronous SCSI Bus transfer rates
- Optional 7 cartridge Media Loader (TZ857/TZ867)
- Extensive data integrity/recovery features
- Compliant with SCSI-2 and with DEC SCSI requirements
- 8 bit wide SCSI data path, single ended implementation
- Read and Write data caching
- Extensive embedded diagnostic/self test software
- TZ85 media read/write compatibility with the TZ86 drive
- TF85 media read/write compatibility (TZ85/86)
- TK50/TK70/TK50Z/TZ30 media read-only compatibility (TZ85/86)
- "Run Cleaning Cartridge" LEDs on the Loader and Drive front panels
- Optional LCD display for real-time operational status
- Optional remote panel for SCSI ID selection
- Half-Rack and near-5.25" Form Factors

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Link to Warranty Information

[Click here for additional information regarding worldwide limited warranty and technical support .](#)

This site provides information on 24/7 service and support for in- and out-of-warranty products.

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