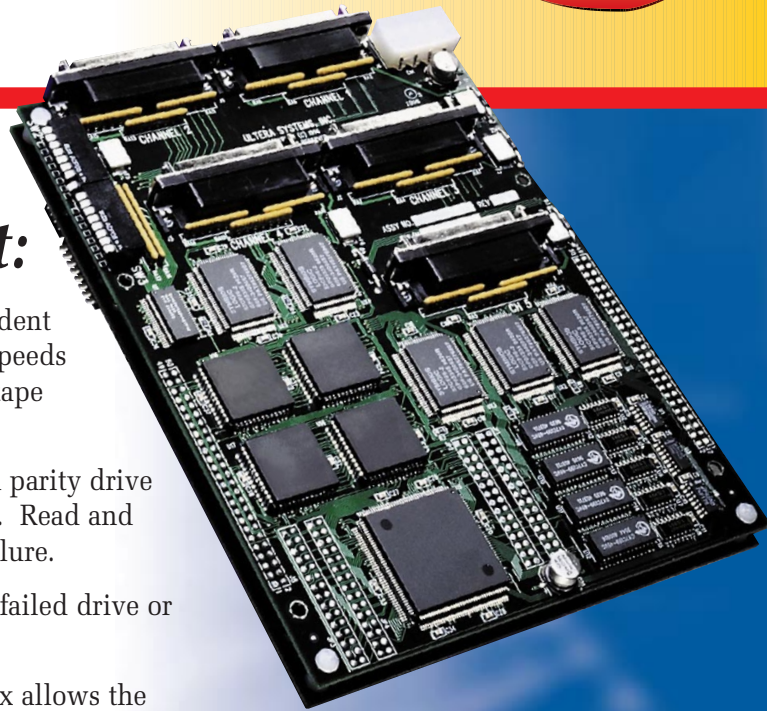


Simply the fastest most reliable High-End backup solution available!

ULTERA
Striper 3



Full 40 MB/sec sustained data throughput:

Increased Performance – data is striped across five independent parallel array channels. Data transfer rate as well as search speeds are increased by as much as four times the speed of a single tape drive.

Increased Data Availability – parity information stored on a parity drive is used to recover data if tape containing data cannot be read. Read and write operations continue in the event of a drive or media failure.

Data Reconstruction – recreates data previously written to a failed drive or bad media.

Data Scrambling – a high speed programmable switch matrix allows the insertion of the “stripe set tape cartridges” in any order for ease of tape management .

Graphical User Interface – the GUI (optional) incorporates full, on-line and off-line controller configuration and diagnostics under Win95 and NT operating systems.

Plug Compatibility – the tape array controller is presented to the host as a single SCSI tape drive providing “plug and play” with host systems supporting SCSI-1 or SCSI-2 tape protocols.

Robotics Support – compatible with existing autoloader and library software in both striping and mirroring modes of operation.

Operating Modes Include:

Data Striping – across 2 or 4 drives with or without an additional parity drive. Data transfer rate is increased by a factor of two or four respectively.

Mirroring – simplifies Disaster Recovery Plans by writing the “data” to up to five separate drives simultaneously.

Pass-thru – allows direct accessing of individual drives within the array.

Offline Copy, Copy/Verify and Verification Only – provides high speed media duplication and verification operations initiated from the GUI or front panel without host system intervention.

Offline Diagnostics – performs drive read and write tests initiated from the GUI or front panel.

Target Markets

- ◆ Aerospace
- ◆ Data Acquisition
- ◆ Defense
- ◆ Enterprise
- ◆ Financial
- ◆ Government
- ◆ Imaging
- ◆ Insurance
- ◆ Medical Imaging
- ◆ Public Works
- ◆ Seismology

Ease of Use

Flash Upgradeable

No special software drivers required.

Compatible with all major operating systems (Workstation • Server • Mainframes).

Requires a single SCSI ID.

Plug and Play via SCSI cable, self-diagnostics and menu driven front panel.

5 1/4" form factor.

Optional rack mount and 5 1/4" enclosures are available.

Stand Model Information

T103 Board-set only

T802 Board-set with Half Height 5 1/4" enclosure/ front panel.*

T903 Board-set with Full Height 5 1/4" enclosure/ front panel.*

T1003 Board-set with desktop enclosure/front panel.

T2103 Board-set with 19", 1U rack mount enclosure with fan, P.S. and single front panel

T2203 Dual Board-set with 19", 1U rack mount enclosure with fan, P.S. and dual front panel

*Custom front panel overlay graphics are available.

DIMENSIONS	WIDTH	LENGTH	HEIGHT
Boards	5.50"	7.00"	1.00"
Enclosure/Front panel 5.25 Full Height	5.88"	8.64"	3.38"
Enclosure/Front panel 5.25 Half Height	5.75"	8.64"	1.67"
POWER			
Input Voltage	+5VDC, 10%		
Supply Current	3.5 amps, max		
TEMPERATURE			
Operating	5 degree C to 50 degree C		
Non-operating	-40 degree C to 60 degree C		
HUMIDITY			
Operating	10% to 80% non-condensing		
Non-operating	10% to 90% non-condensing		
WARRANTY		One Year	

Host Interface

The host interface provides interconnection between the array controller and SCSI host system. It conforms to the SCSI-2 protocol while maintaining compatibility with SCSI-1. 8/16 bit SCSI

Fast ULTRA synchronous transfer combined with wide transfer allows for a maximum of 40 MB/sec *sustained* data transfer rate.

Single-ended or differential interface

Array Interface

The array interface provides interconnection between the array controller and SCSI tape drives. It consists of five independent parallel Wide-SCSI channels, up to four channels are used for data and one channel for parity.

8/16 bit SCSI

The fast synchronous transfer combined with wide allows for a maximum of 20 MB/sec *sustained* data transfer rate for each channel.

Single-ended Interface

Compatible with all SCSI-1 and SCSI-2 tape drives including 4mm, 8mm, VHS, Reel/Reel, 3480, AIT and DLT.

Front Panel Interface

The front panel consists of a 4 line by 20 character display and 4 push button key pad.

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