



Tape

M8100 128-Track Tape Drive

- Industry leading transfer rate at 13.5MB/s (Native)
- IBM Magstar 3590 format compatibility
- Same form factor as previous Fujitsu half-inch cartridge tape drives

The M8100, Fujitsu's 128-track half inch cartridge tape drive, is a new generation tape drive to meet the mission critical data environment needs for high speed, large capacity and full format compatibility with IBM® 3590™ Magstar™.

The M8100 transfer rate (13.5MB/s Native) is 4.5 MB/s faster than the IBM 3590 Magstar (9.0MB/s Native). In addition, the M8100 boasts a Mean-Time-Between-Failure (MTBF) rating of 100,000 hours, among the highest in the industry, and is covered by a two-year limited warranty.

Utilizing Fujitsu's state of the art design technology, the bezel and cartridge opening are the same form factor and location as previous Fujitsu half-inch cartridge tape drives.

Moreover, the new high density read/write magnetic tape head creates increased recording density and the highly reliable tracking control system achieves greater track density. The formatter and Ultra-SCSI

Mobile

Desktop

Enterprise

host interface are integrated into the same 8-inch form factor drive cabinet. Therefore, tape drive systems currently using the Fujitsu half-inch cartridge tape drive series, can be easily upgraded with the new M8100 for increased capacity and performance with less integration investment.

With these new technologies and Fujitsu's reputation for high quality tape products, the M8100 is the perfect solution for mission critical data environments as well as a various range of applications for near-line transaction and back-up streaming modes.

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M8100 128-Track Tape Drive Specifications			
Mode		IBM3590 Compatible Mode	
Recording	Tracks	Total tracks: 128 Read Write tracks: 16	
	Capacity/media	10 GB	
	Media type	3590	
	Maximum length of media	1100 ft.	
	Bit density	86,360 BPI	
	Data compression	3:1	
Performance	Streaming speed	3.0 M/S	
	Search/rewind speed	6.0 M/S	
	H x W x D	5 x 8.5 x 19.7 (in.) 127 x 217 x 600 (mm)	
	Power consumption	120 W	
Controller (embedded)	Interface	SCSI-2/Ultra SCSI	
	Transfer rate	Sustained (MB/s)	13.5
		Burst (MB/s)	40.0
Limited Warranty		1st year No Excuses 2nd year Depot with option to upgrade to No Excuses	
Automatic Cartridge Loading Feature			
		ACL	FACL
Number of cartridges		5/10	7
Native capacity		100GB (at 10 Cartridges)	70GB



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Printed in the U.S.A. Qty 5M P/N DS23700399



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