



Optical

MCE3130AP and MCE3130SS Magneto-Optical Drives

The MCE3130AP and MCE3130SS magneto-optical drives deliver the high capacity, speed and reliability to meet the requirements of most of today's demanding applications.

- High capacity in 3.5" form factor removable storage: 1.3GB
- 2MB buffer size
- IDE and SCSI interface
- Unlimited rewrite capability on MO disks
- Drives are backward compatible with 1.3GB, 640MB, 540MB, 230MB and 128MB disks

The Fujitsu group takes magneto-optical (MO) technology to new levels with the fourth-generation drives — MCE3130AP and MCE3130SS. These state-of-the-art, high-performance drives store up to 1.3GB on industry standard 3.5" MO disks, and offer the high level of ruggedness and reliability you have come to expect from Fujitsu MO products.

High Capacity and Performance Storage

The MCE3130AP and MCE3130SS drives provide 1.3GB data storage with full downward compatibility. They also provide 23ms seek time, data transfer rates up to 5.9 MB/sec and 2MB buffer size. Magneto-optical is ideal for backup, archiving, data acquisition, medium scale software distribution, or anything that requires high capacity, reliable, removable storage.

Enterprise

Mobile

Optical

Protecting Investments in Data

Fujitsu DynaMO® disks are extremely rugged and highly tolerant of the problems that plague magnetic media. MO disks are resistant to shock, vibration, moisture, dust and magnetic fields. Each disk comes with a lifetime warranty and because of their ruggedness, they make the perfect medium for office, home or industry.

Multiple Disk Capacity Options

The MCE3130AP and MCE3130SS can read and write to all 3.5-inch MO media capacities: 1.3GB, 640MB, 540MB, 230MB and 128MB, as well as Over-Write disks (640MB and 540MB). The DynaMO storage solution offers multiple options to tailor the media selection to the application while providing a high level of investment protection.

MO Applications: For People Who Need Serious Removable Storage!

The magneto-optical storage drives are an ideal solution for many industries, including: desktop publishing/graphic design; web development; medical imaging; audio/video editing; telecommunication; and education, schools and libraries. For more information on MO products, visit www.MOstorage.com

Limited Warranty

Fujitsu Computer Products of America, Inc. offers a one-year limited warranty on the MCE3130AP and MCE3130SS drives. Certain restrictions apply; for full details on the limited warranty, call 1-800-626-4686 or visit our web site at www.fcpa.fujitsu.com.

MCE3130AP and MCE3130SS Specifications						
Model		MCE3130AP and MCE3130SS				
Functional Specifications						
Storage capacity by disk		128MB	230MB	540MB	640MB	1.3GB
Disk Specification		ISO 10090	ISO 13963	ISO/IEC 15041		GIGAMO
Sector capacity (Formatted)		512 Bytes			2048 Bytes	
Format		90 mm Block formatted				
Interface		IDE/SCSI				
Data Transfer to/from media	Max (MB/s)	1.37	1.65 to 2.65	2.95 to 4.96	2.94 to 4.9	3.46 to 5.92
	Continuous write (MB/s)	0.97	0.39 to 0.62	.064 to 1.08	0.77 to 1.29	0.88 to 1.5
	Continuous read (MB/s)	0.97	1.16 to 1.86	1.92 to 3.26	2.33 to 3.88	2.63 to 4.50
Data Transfer Rate to/from host	AP	16.7MB/s (PIO mode 4, DMA mode 2)				
	SS	5MB/s (async.), 20MB/s (sync)				
Seek time		23 ms				
Average latency time		6.6 ms			9.3 ms	
Rotational speed		4558 (RPM)			3214 (RPM)	
Load time		8 sec.			12 sec	
Unload time		4 sec				
Buffer size		2 MB				
Physical Specifications						
Power requirements		5VDC±5%: 1.1A				
Power consumption	Operating	5.3 W typ.				
	Ready	3.7 W typ.				
	Sleep mode	0.5 W typ.				
Dimensions (H x W x D)		25.4 mm x 101.6 mm x 150.0 mm (with bezel)				
Weight		480 g (with bezel)				
Ambient temperature	Operating	5°C - 45°C				
	Non-operating	0°C - 50°C				
	Gradient	10° C/h (operating)				
Relative humidity		10% - 85% (non-condensing)				
Vibration	Operating	0.4 G (5 to 500Hz)				
	Non-operating	1.0 G (5 to 500Hz)				
Shock	Operating	2.0 G (10 ms)				
	Non-operating	5.0 G (10 ms)				
	Transporting	50.0 G (10 ms, in packaging)				
Altitude	Operating	3,000 m (10,000 ft) or less				
	Non-operating	12,000 m (40,000 ft) or less				
Acoustic		26 dB				
Reliability Specifications						
MTBF		120,000 hours*				
Limited Warranty		1 year (from date of purchase). Certain restrictions apply; for full details, visit www.MOstorage.com or call 1-800-626-4686.				

* Normal operation

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About Fujitsu Computer Products of America, Inc.

Fujitsu Computer Products of America, Inc. is a wholly owned subsidiary of Fujitsu Limited, a leading provider of Internet-focused information technology solutions for the global marketplace. FCPA provides innovative solutions for the U.S. marketplace. Current product offerings include high-performance hard disk drives, magneto-optical drives and scanners.



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