STORAGE

FUJITSU

FUJITSU COMPUTER PRODUCTS OF AMERICA, INC.



Optical

MCE3064SS
MCF3064SS
Magneto-Optical Drives

The MCE3064SS and MCF3064SS magneto-optical drives deliver capacity, speed and reliability to meet the requirements of most of today's demanding applications.

- Ultra SCSI interface
- 23ms seek time and data transfer rates up to 4.9 MB/sec
- Up to 50% faster write performance with Over-Write (OW) media
- Ultra quiet design – only 23dBA
- Unlimited rewrite capability on MO disks
- 640MB, 540MB, 230MB or 128MB rewritable disk options

Fujitsu Computer Products of America (FCPA) takes magneto-optical (MO) technology to new levels with the fourth-generation of SCSI MO drives. These state-of-the-art, high-performance drives store up to 640MB on industry standard MO disks, are faster and quieter than their predecessors, and offer the high level of ruggedness and reliability you've come to expect from FCPA's MO products.

High-Performance Storage

The MCF3064SS is a 3600 rpm drive that provides data transfer rates up to 3.9 megabytes per second. The MCE3064SS offers even higher performance at 4500 rpm and up to 4.9 MB/sec. Using Over-Write MO disks can further increase write performance up to 50%. Magneto-optical is ideal for backup, archiving, data acquisition, medium scale software distribution, anything that requires high capacity, reliable, removable storage.

Protecting Investments in Data

Fujitsu MO disks are extremely rugged and highly tolerant of the problems that plague magnetic media. Shock, vibration, moisture, dust and magnetic fields won't destroy data stored on a MO disk. Each disk comes with a lifetime warranty and because of their ruggedness, they make the perfect medium for office, home or industry.

Mobile

Desktop

Enterprise

STORAGE

Multiple Media Options

The MCE3064SS and MCF3064SS can read and write to all ISO compliant, 3.5-inch MO media capacities: 640MB, 540MB, 230MB and 128MB, as well as Over-Write disks. No other storage solution offers as many options to tailor the media selection to the application while providing such a high level of investment protection.

About Fujitsu Computer Products of America

Fujitsu Computer Products of America is a wholly owned subsidiary of Fujitsu Limited, one of the world's largest computer companies with $43.3 billion in worldwide revenue in fiscal year 1998. Benefiting from Fujitsu Limited's $3 billion annual investment in research and development, Fujitsu Computer Products provides innovative solutions for the U.S. marketplace. Current product offerings include high-performance hard disk drives, tape drives, magneto-optical drives, high-volume scanners, and printers.

MCE3064SS and MCF3064SS Specifications

Model			**MCE3064SS / MCF3064SS**			
Functional Specifications						
Storage capacity by disk			128MB	230MB	540MB	640MB
Standard			ISO/IEC 10090	ISO/IEC 13963	ISO/IEC 15041	
Sector capacity			512 bytes			2,048 bytes
Format			90 mm			
Interface			Ultra SCSI			
Data transfer rate (max.)	Drive	MCE	1.3 MB/s	1.6-2.6 MB/s	2.9-4.9 MB/s	
		MCF	1.09 MB/s	1.3-2.1 MB/s	2.3-3.9 MB/s	
	Interface		5 MB/s async; 20 MB/s sync			
Recording density (BPI)			24,400	29,300	52,900	
Track density (TPI)			15,875	18,275	23,090	
Random seek time			23 ms			
Average latency time			6.6 ms (MCE) / 8.3 ms (MCF)			
Rotational speed			4,558 RPM (MCE) / 3,600 RPM (MCF)			
Recording code			2-7 RLLC		1-7 RLLC	
Load/unload time			7 sec. / 4 sec.			
Buffer size			2 MB			
Physical Specifications						
Power requirements			5VDC±5%: 1.1A			
Power consumption	Operating		4.9 W			
	Ready		3.9 W			
	Sleep mode		0.5 W			
Dimension (H x W x D)			25.4 mm x 101.6 mm x 150.0 mm (with bezel)			
Weight			470 g (with bezel)			
Ambient temperature	Operating		5°C - 45°C			
	Non-operating		0°C - 50°C			
	Gradient		15° C/h (operating)			
Relative humidity			10% - 85% (non-condensing)			
Acoustic noise			23 dBA			
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			
	Non-operating		12,000 m			
Reliability Specifications						
MTBF			120,000 hours			

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