



Optical

MCC3064XX Series Magneto-Optical Drives

The MCC3064XX Series of magneto-optical drives delivers capacities up to 640 megabytes on a single disk and data transfer rates above three megabytes per second.

- SCSI-2 and ATAPI versions
- Unlimited rewrite capability on MO disks
- Internal data transfer rates up to 3.9 MB/sec
- Up to 50% faster write performance with Over-Write (OW) media
- Conforms to ISO (International Standards Organization) standards
- 640MB, 540MB, 230MB or 128MB rewritable disk options

Fujitsu takes magneto-optical (MO) technology to new levels with the third-generation MCC3064XX Series. These state-of-the-art high-performance drives store up to 640MB on industry standard MO disks, provide 28 millisecond seek times, and boast an MTBF of 120,000 hours. The MCC3064XX Series is available in SCSI-2 and ATAPI versions.

High-Performance Storage

The MCC3064XX Series of optical disk drives provides high capacity, high reliability storage. Magneto-optical is ideal for backup, archiving, data acquisition, and medium scale software distribution. With data transfer rates over 3MB/sec., these 3,600 RPM drives meet the requirements of many of today's demanding applications. Over-Write technology further increases write performance up to 50% over standard MO disks.

Mobile

Desktop

Enterprise

Protecting Investments in Data

Fujitsu MO disks are nearly indestructible, and completely immune from the problems that plague magnetic media. Shock, vibration, moisture, dust and magnetic fields can't destroy data stored on a MO disk. Each disk comes with a lifetime warranty and because of their ruggedness, these disks make the perfect medium for office, home or industry.

Multiple Media Options

The MCC3064XX Series is read/write compatible with all 3.5-inch ISO media capacities: 640MB, 540MB, 230MB and 128MB. 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.

MCC3064XX Series Specifications					
Model		MCC3064SS(SCSI) / MCC3064AP(ATAPI)			
Functional Specifications					
Storage capacity by disk		128MB	230MB	540MB	640MB
Sector capacity		512 bytes		2,048 bytes	
Format		90 mm			
Standard		ISO/IEC10 090	ISO/IEC 13963	ISO/IEC 15041	
Interface		SCSI-2 (single-ended)/ATAPI			
Data transfer rate		Drive	1.3 MB/s	1.6-2.5 MB/s	2.3-3.9 MB/s
		SCSI-2 Interface	5 MB/s (async); 10 MB/s (sync)		
		ATAPI Interface	16.6 MB/s (PIO mode 4 with IORDY)		
			16.6 MB/s (multiword DMA mode 2)		
Recording density (BPI)		24,400	29,300	52,900	
Track density (TPI)		15,875	18,256	23,090	
Random Seek Time		28 ms			
Average latency time		8.3 ms			
Rotational speed		3,600 RPM			
Recording code		2-7 RLLC		1-7 RLLC	
Load/unload time		7 sec./5 sec.			
Buffer size		SCSI-2	2 MB		
		ATAPI	512 KB		
Physical Specifications					
Power requirement		5V±5%: 1.1A (ave.); 2.5A (max.)			
Power Consumption		Ready	4.5 W		
		Random R/W	5.3 W		
		Sleep	0.9 W		
Dimensions		25.4 x 101.6 x 146.0 mm			
Weight		460 g			
Ambient temperature		Operation	5°C - 45°C		
		Non-operation	0°C - 50°C		
Relative humidity		10-85% (non-condensing)			
Vibration		Operation	0.4G (5-500Hz)		
		Non-operation	1.0G (5-500Hz)		
Shock resistance		Operation	2G (10 ms)		
		Non-operation	50G (10 ms)		
Altitude		Operation	3,000 m		
		Non-operation	12,000 m		
Acoustic noise		Less than 38dB			
Air flow requirement		More than 0.05 m ³ /minute			
Reliability Specifications					
MTBF		120,000 hours			
MTTR		<30 minutes			
Component life		5 years			

About Fujitsu Computer Products of America

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