



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.

STORAGE

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 | | | |

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