

TEXT,C,55

MK2224FC &amp; MK2224FB

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## SPECIFICATIONS AND CHARACTERISTICS

## Functional characteristics

## Data storage capacity

Per Drive (formatted)*	213 MB
Per Track (formatted)	35000 B(approx)

Data surfaces	4
Cylinders	1560
User sectors/track	66 (approx)

(\*512 bytes/sector)

Rotational Speed 4000 RPM±1%

## Data Transfer Rate

Buffer to host 6.5 Mbytes/s

## Seek Time

Track to track	4 ms
Average	12 ms
Maximum	35 ms

Average latency 7.5 ms

## Interface

Type	FC-PC/AT & FB-SCSI
Buffer	128 KB

## Recording characteristics

Flux density	50,500 FRI
Bit density	67,300 BPI
Track density	2,840 TPI

## Nominal Power Requirements

Voltage	5V +5/-8%
Sleep	0.15 watts
Standby	0.3 watts
Reading/Writing	1.8 watts
Seeking	1.8 watts

## Physical &amp; Environmental Specifications:

## Dimensions

Height	19 mm(0.5")
Width	70 mm(2.76")
depth	100mm(3.94")

Weight 180g (6.3 Oz)

## Ambient temperature:

Operating	5ø to 55øC (41 to 131øF)
Non-operating	-20 to 60øC (-4 to 140øF)

## Vibration and shock

Operating 0.5 G vibration

	10.0 G shock
Non_operating	100 G shock
Acoustic Noise	<40 dBA
Reliability characteristics	
MTBF	150000 power on hours
Error Rates	
Unrecoverable	1 in 10,000,000,000,000
Seek	1 in 1,000,000