

## > MGO3SCxxxx

3.5-INCH SAS 7,200 RPM Enterprise HDD

### > KEY ADVANTAGES

- Up to 4 TB Storage Capacity
- 6 Gb/sec SAS Interface
- 24x7 Operation
- Error Correction Code
- Optional Fast and Secure Cryptographic Erase SED Function

### > APPLICATIONS

- Mid-range volume servers
- Mainstream storage arrays
- Blade and rackmount servers
- Mission-critical systems

### > SPECIFICATIONS



## HDD

Standard	MG03SCA400	MG03SCA300	MG03SCA200	MG03SCA100
Encryption	MG03SCP400	MG03SCP300	MG03SCP200	MG03SCP100
<b>Series Overview:</b>				
Storage Capacity, Formatted	4 TB	3 TB	2 TB	1 TB
Rotational Speed	7,200 rpm			
<b>Average Seek Time:</b>				
Seek Time Average (read)	8.5 ms			
Seek Time Average (write)	9.5 ms			
<b>Interface:</b>				
Type	SAS-2.0 (1.5Gbps, 3.0Gbps, 6.0Gbps)			
Sustained Transfer Rate:	165 MB/s	155 MB/s	155 MB/s	155 MB/s
Buffer	64 MiB FIFO ring buffer			
<b>Power Requirements:</b>				
Voltage	+5 V (±5%) +12 V (±10%)			
Idle	7.0 W			
<b>Physical &amp; Environmental Specifications Dimensions - mm:</b>				
Width x Depth x Height	101.6 x 147 x 1526.1 mm			
Weight max	720 g max.			
<b>Environmental:</b>				
Temp: Operating / Non-operating	5 to 55 °C / -40 to 70 °C			
Shock Operating / Non-operating	70G / 300 G with 2ms			
Vibration: Operating	0.75 G with 5 to 300 Hz			
Acoustic Noise (seek)	31 dB			
<b>Reliability</b>				
Mean Time Between Failures	1 200 000 hours			
ROHS Compliant	Yes			