

## > MGO3ACAxxx(Y)

3.5-INCH SATA 7,200 RPM Enterprise HDD

### > KEY ADVANTAGES

- Up to 4 TB Storage Capacity
- 6 Gb/sec SATA 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	MGO3ACA400	MGO3ACA300	MGO3ACA200	MGO3ACA100
Encryption	MGO3ACA400Y	MGO3ACA300Y	MGO3ACA200Y	MGO3ACA100Y
<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	SATA			
Data Transfer Rate:	6 Gb/s			
Buffer	64 MB 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			