

> MQ01ABFxxx

2.5-INCH SATA HDD – 7.0 mm Height

> KEY ADVANTAGES

- Up to 500 GB Storage Capacity
- 5,400 Rotational Speed
- Tough Against Shock and Vibration
- Eco-friendly halogen-free design

> APPLICATIONS

- Ultrabooks
- High-End multimedia devices

> SPECIFICATIONS



HDD

	MQ01ABF025	MQ01ABF032	MQ01ABF050
Series Overview:			
Storage Capacity, Formatted	250 GB	320 GB	500 GB
Number of Platters		1	
Number of Heads		2	
Bytes/Sector, Disk		4k	
Totational Speed		5,400 rpm	
Average Seek Time:			
Single Track Seek Time (read)		2 ms	
Single Track Seek Time (w rite)		22 ms	
Interface:			
Type	Serial ATA 3.0 / ATA8		
Data Transfer Rate:	6 Gb/s, 3.0 Gb/s		
Buffer	8 MB		
Power Requirements:			
Allow able Voltage	+5 V (±5%)		
Read / Write (Random)	1.5 W		
Idle	0.55 W		
Stand-by	0.18 W		
Sleep	0.15 W		
Physical & Environmental Specifications Dimensions - mn:			
Width x Depth x Height	69.85 x 7.0 x 100 mm		
Weight max	92 g		
Enviromental:			
Temp: Operating / Non-operating	5 to 55 °C / -40 to 65 °C		
Shock Operating / Non-operating	400 G w ith 2 ms half sine wave / 900 G w ith 1 ms		
Vibration: Operating	1 G w ith 5 to 500 Hz		
Acoustic Noise (seek)	21 dB		
ROHS Compliant	Yes		