

> MQ01ABB200

2.5-INCH SATA HDD

> KEY ADVANTAGES

- 2 TB Storage Capacity
- 5,400 Rotational Speed
- Fast Access Time
- Eco-friendly halogen-free design

> APPLICATIONS

- External HDDs
- Capacity-Hungry NBs

> SPECIFICATIONS



HDD

MQ01ABB200	
Series Overview:	
Storage Capacity, Formatted	2 TB
Number of Platters	4
Number of Heads	8
Bytes/Sector, Disk	4k
Total Speed	5,400 rpm
Average Seek Time:	
Single Track Seek Time (read)	12 ms
Single Track Seek Time (write)	22 ms
Interface:	
Type	Serial ATA 2.6 / ATA8
Data Transfer Rate:	3.0 Gb/s
Buffer	8 MB
Power Requirements:	
Allowable Voltage	+5 V (±5%)
Read / Write (Random)	1.7 W
Idle	0.70 W
Stand-by	0.18 W
Sleep	0.15 W
Physical & Environmental Specifications Dimensions - mm:	
Width x Depth x Height	69.85 x 15.0 x 100 mm
Weight max	180 g
Environmental:	
Temp: Operating / Non-operating	5 to 55 °C / -40 to 65 °C
Shock Operating / Non-operating	300 G with 2 ms half sine wave / 600 G with 1 ms
Vibration: Operating	1 G with 5 to 500 Hz
Acoustic Noise (seek)	25 dB
ROHS Compliant	Yes