

> MQ01ABFxxxH

2.5-INCH MOBILE THIN SSHD

> KEY ADVANTAGES

- SSD-like Performance and Responsiveness
- 7.0 mm Height
- Up to 500 GB Storage Capacity
- 8 GiB SLC NAND Flash
- Faster System Boot Time
- Quicker Access to user Applications
- Advanced and Unique Self-learning Algorithms
- Very Silent Operation
- Eco-friendly Halogen-free Design

> APPLICATIONS

- High End Ultrathin Notebooks
- Small All-in-one PCs

> SPECIFICATIONS



SSHHD

	MQ01ABF032H	MQ01ABF050H
Series Overview:		
Storage Capacity, Formatted *	320GB	500 GB
Number of Platters	1	
NAND Flash Type Size *	SLC 8 GiB	
PC Mark Vantage Ave.	20,000	
Rotational Speed	5,400 RPM	
Max. Areal Density	553.6 Gb/in ²	744.1 Gb/in ²
Seek Time:		
Average seek time	12 ms	
Interface:		
Type	Serial ATA 3.0	
Data Transfer Rate to Host:	6 Gb/s	
Buffer *	32 MiB	
Physical Specification - Dimensions:		
Width x Depth x Height	69.85 x 100 x 7.0 mm	
Weight typ	92 g (max.)	
Environmental:		
Shock Operating	3,920m/s ² (400G); (2ms half sine)	
Shock Non-operating	8,820m/s ² (900G); (1ms half sine)	
Acoustics (ave.) (Idle/Seek)	19/21 dB	
ROHS Compliant	Yes	
Warranty:		
Limited Warranty	2 years (from date of purchase)	

*One gigabyte (GB) = one billion bytes, accessible capacity may be less and actual capacity depends on the operating environment and formatting.