

Attachment
MHZ2 BT Series Specifications

Capacity (*1)	400 GB	500 GB
Interface	SATA 3.0 Gb/s (ATA-8, Serial ATA 2.5)	
Rotational speed	4,200 RPM	
Average seek time (typ.)	12 ms (read) 14 ms (write)	
Data transfer rate	Max 300 MB/s	
Buffer size (*2)	8 MB	
Shock resistance, during operation	325 G (2 ms)	
Shock resistance, non-operating	900 G (1 ms)	
Voltage	+5 V \pm 5%	
Power consumption		
Read/write (typ.)	1.8 W (3.0 Gb/s) / 1.6 W (1.5 Gb/s)	
Idle (typ.)	0.50 W (in slumber mode)	
Standby (typ.)	0.13 W (in slumber mode)	
Noise at idle (typ.)	2.1 bels	
Dimensions (*3) (H x W x L)	12.5 x 70 x 100 mm	
Weight	135 g or less	

Notes:

*1: 1 gigabyte is equivalent to 1 billion bytes. Usable storage capacity is actually less than this figure. Actual storage capacity may vary depending on the environment and formatting of the customer's system.

*2: Some buffer memory will be used by the firmware controller.

*3: Excludes PCBA and connector.