Attachment

MHZ2 CJ Series Specifications

Encryption	AES 256-bit				
Capacity (*1)	80 GB	120 GB	160 GB	250 GB	320 GB
Interface	SATA 3.0 Gb/s and 1.5 Gb/s (ATA-8, Serial ATA 2.6)				
Rotational speed	7,200 RPM				
Average seek time (typ.)	10.5ms (read) 12.5 ms (write)				
Data transfer rate	Max 300 MB/s				
Buffer size (*2)	16 MB				
Shock resistance, during operation	325 G (2 ms)				
Shock resistance, non-operating	900 G (1 ms)				
Voltage	+5 V ± 5%				
Power consumption Read/write (typ.) Idle (typ.) Standby (typ.)	2.3 W (3.0 Gb/s) / 2.1 W (1.5 Gb/s) 0.80 W (in slumber mode) 0.13 W (in slumber mode)				
Noise at idle (typ.)	2.5 bels				
Dimensions (*3)	9.5 x 70 x 100 mm				
Weight	115 g or less				

Notes:

1: 1 GB 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.