

Datasheet Toshiba
MBE2147RC / MBE2073RC

ITEM	MBE2147RC	MBE2073RC
Basic specification		
Interface	SAS-2 (6Gbps SAS)	SAS-2 (6Gbps SAS)
Formatted Capacity	147GB	73.5GB
Number of data heads	4	2
Number of disks	2	1
Performance		
Buffer size	16MB	16MB
Rotation speed	15,000rpm	15,000rpm
Average Latency time	2.0ms (typ.)	2.0ms (typ.)
Average seek time (read)	2.9ms (typ.)	2.9ms (typ.)
Average seek time (write)	3.4ms (typ.)	3.4ms (typ.)
Supply Voltage		
Allowable Voltage	5V±5% , 12V±5%	5V±5% , 12V±5%
Power consumption		
Low power Idle	4.1W (typ.)	3.9W (typ.)
Energy Consumption Efficiency /Category name	0.028 e	0.053 d
Dimension		
Height	15.0mm	15.0mm
Width	69.85mm	69.85mm
Depth	100.45mm (max.)	100.45mm (max.)
Weight	220g (max.)	220g (max.)
Temperature		
Operating	5 to 55°C	5 to 55°C
Non-Operating	-40 to 70°C	-40 to 70°C
Vibration/Shock		
Vibration (op)	0.6mm (5 to 20Hz) 9.8m/s ² (1G) [20 to 300Hz]	0.6mm (5 to 20Hz) 9.8m/s ² (1G) [20 to 300Hz]
Vibration (non-op)	3.1mm (5 to 20Hz) 49m/s ² (5G) [20 to 300Hz]	3.1mm (5 to 20Hz) 49m/s ² (5G) [20 to 300Hz]
Shock (op)	980m/s ² (100G) [1ms duration]	980m/s ² (100G) [1ms duration]
Shock (non-op)	3,920m/s ² (400G) [1ms duration]	3,920m/s ² (400G) [1ms duration]
Acoustics		
Idle (ave.)	3.2Bels (typ.)	3.2Bels (typ.)

*Energy Consumption Efficiency: Energy consumption efficiency is calculated based on power consumption divided by formatted capacity, as defined by Japanese law.

*Definition of Capacity: TOSHIBA defines a megabyte(MB) as 1,000,000bytes, and a gigabyte(GB) as 1,000,000,000 bytes.