

Specifications: the MBA3 Series

Form factor	3.5"		
Capacity *1	73.5 GB	147.0 GB	300.0 GB
Interface	Serial Attached SCSI, Ultra 320 SCSI (U320 SCSI), Fibre Channel 4 Gb/s (FC)		
Rotational speed	15,000 rpm		
Avg seek time (typ)	3.4 ms (read); 3.9 ms (write)		
Data transfer rate	Max 300 MB/s (SAS) Max 320 MB/s (U320 SCSI) Max 400 Mb/s (FC)		
Buffer size	16 MB (SAS, FC) 8 MB (U320 SCSI)		
Shock tolerance	Operating	65 G (2 ms)	
	Non-operating	250 G (2 ms)	
Power supply	+ 5 V \pm 5%; +12 V \pm 5%		
Power consumption Idle (typ)	12.8 W (SAS, U320 SCSI) 13.4 W (FC)		
Acoustics Idle (typ)	3.6 bels or less		
Dimensions (H x W x L)	25.4 x 101.6 x 146 mm		
Weight	800 g or less		

Specifications: the MBB2 Series

Form factor	2.5"		
Capacity *1	73.5 GB	147.0 GB	
Interface	Serial Attached SCSI		
Rotational speed	10,025 rpm		
Avg seek time (typ)	4.0 ms (read); 4.5 ms (write)		
Data transfer rate	Max 300 MB/s		
Buffer size	16 MB		
Shock tolerance	Operating	100 G (1 ms)	
	Non-operating	400 G (1 ms)	
Power supply	+ 5 V \pm 5%; +12 V \pm 5%		
Power consumption Idle (typ)	4.7 W		
Acoustics Idle (typ)	2.9 bels or less		
Dimensions (H x W x L)	15 x 69.85 x 100.45 mm		
Weight	220 g or less		

Specifications: the MBC2 Series

Form factor	2.5"		
Capacity *1	36.7 GB	73.5 GB	
Interface	Serial Attached SCSI		
Rotational speed	15,000 rpm		
Avg seek time (typ)	3.0 ms (read); 3.5 ms (write)		
Data transfer rate	Max 300 MB/s		
Buffer size	16 MB		
Shock tolerance	Operating	100 G (1 ms)	
	Non-operating	400 G (1 ms)	
Power supply	+ 5 V \pm 5%; +12 V \pm 5%		
Power consumption Idle (typ)	5.3 W		
Acoustics Idle (typ)	3.2 bels or less		
Dimensions (H x W x L)	15 x 69.85 x 100.45 mm		
Weight	220 g or less		

Specifications: the MHW2 BK Series

Form factor	2.5"		
Capacity *2	60 GB	80 GB	120 GB
Interface	Serial ATA 3.0 Gb/s		
Rotational speed	7,200 rpm		
Avg seek time (typ)	10.5ms (read); 12.5 ms (write)		
Data transfer rate	Max 300 MB/s		
Buffer size	8 MB		
Shock tolerance	Operating	300 G (2 ms)	
	Non-operating	900 G (1 ms)	
Power supply	+ 5 V \pm 5%		
Power consumption	R/W (typ)	2.1 W (1.5 Gb/s) / 2.3 W (3.0 Gb/s)	
	Idle (typ)	0.80 W (in slumber mode)	
	Standby (typ)	0.13 W (in slumber mode)	
Acoustics Idle (typ)	2.5 bels or less		
Dimensions (H x W x L)	9.5 x 70 x 100 mm		
Weight	116 g or less		

*1. 1 gigabyte is equivalent to 1,000,000,000 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. This device supports the Serial ATA 3.0 Gb/s standard, and can also be used in environments with the Serial ATA 1.5 Gb/s interface.