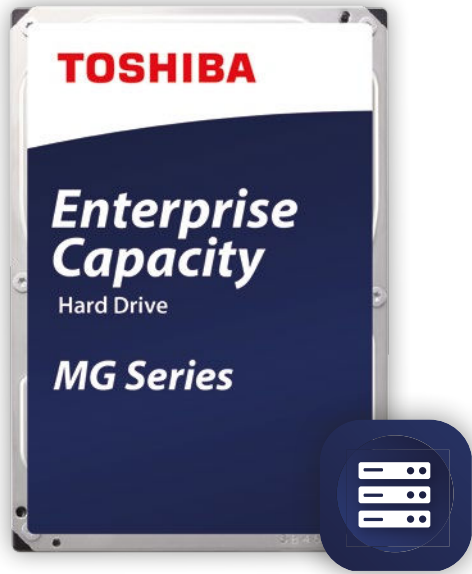




Enterprise Hard Drives

MG Series

Enterprise Capacity HDD

Use for:

Business Critical Enterprise Server and Storage Systems |
Enterprise Storage Arrays | Cloud and Hyperscale Storage
Systems | Big Data, Distributed File Systems |
Enterprise Archive and Data Recovery Systems |
Industrial Server- and Storage Systems

- 550 TB/year workload
- 24/7 operation
- Flexibility in block size
- Persistent Write Cache Technology
- 5-year warranty
- Optional: Self-Encryption, Instant Erase

Model Number	Basic Specifications								Performance				Reliability					
	Form-factor	Fill Gas	Capacity (GB)	Block Size (Byte)	Spindle Speed (RPM)	Buffer Size (MiByte)	Interface	Security Options	Average Latency (ms)	Average Seek Time		Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate	Duty	Rated Workload (TB/year)	Warranty (years)
ENTERPRISE CAPACITY HDD WITH SAS 12 GB/S INTERFACE – BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																		
MG04SCA20EN	3.5"	Air	2000	512n	7200	128	SAS 12 Gbit/s	SIE	4.2	8.5	8.5	204	11.8	1.4M	1 in 10 ¹⁵	24/7	550	5
MG04SCA40EN			SIE															
MG04SCA20EE			2000	512e	7200	128	SAS 12 Gbit/s	SIE	4.2	8.5	8.5	215	11.8	1.4M	1 in 10 ¹⁵	24/7	550	5
MG04SCA40EE			4000					SIE/SED										
MG04SCA60EE			6000			SIE/SED												
MG06SCA600E			6000			SIE	241	9.18										
MG06SCA800E			8000			SIE/SED			241	9.78								
MG06SCA10TE			10000			SIE/SED					248	10.78						
MG07SCA12TE		12000	SIE/SED			254							7.81					
MG07SCA14TE		14000	SIE/SED						260	8.36								
MG08SCA16TE		16000	512	N/A	N/A	N/A	N/A	N/A			N/A	N/A	N/A					

Model Number	Basic Specifications								Performance				Reliability									
	Form-factor	Fill Gas	Capacity (GB)	Block Size (Byte)	Spindle Speed (RPM)	Buffer Size (MiByte)	Interface	Security Options	Average Latency (ms)	Average Seek Time		Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate	Duty	Rated Workload (TB/year)	Warranty (years)				
ENTERPRISE CAPACITY HDD WITH SAS 12 GB/S INTERFACE – BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																						
MG04SCA20EA	3.5"	Air	2000	4Kn	7200	128	SAS 12 Gbit/s	SIE	4.2	8.5	9.5	215	11.8	1.4M	1 in 10 ¹⁵	24/7	550	5				
MG04SCA40EA			SIE/SED					241											9.18			
MG04SCA60EA			SIE/SED																			
MG06SCA600A			SIE																	241	9.78	
MG06SCA800A			SIE/SED																			
MG06SCA10TA			SIE/SED																			
MG07SCA12TA		SIE/SED	254			7.81																
MG07SCA14TA		SIE/SED						260				8.36										
MG08SCA16TA		N/A											N/A	N/A					N/A	N/A	N/A	
ENTERPRISE CAPACITY HDD WITH SATA INTERFACE – MAINSTREAM SERVER AND STORAGE, HYPERSCALE- AND CLOUD STORAGE																						
MG04ACA100N	3.5"	Air	1000	512n	7200	128	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	204	11.3	1.4M	1 in 10 ¹⁵	24/7	550	5				
MG04ACA200N			2000																			
MG04ACA400N			4000																			
MG04ACA200E			2000	512e	7200	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	184	11.3										
MG04ACA300E			3000										128						194	11.3		
MG04ACA400E			4000																		128	194
MG04ACA500E			5000										128						215	11.3		
MG04ACA600E			6000																		128	215
MG06ACA600E			6000										256	241					8.97			
MG05ACA800E			8000																	128	241	11.4
MG06ACA800E			8000										256	241					9.81			
MG06ACA10TE			10000								256	249								10.62		
MG07ACA12TE			12000										256	254					7.8			
MG07ACA14TE			14000								256	260								7.8		
MG08ACA16TE			16000										512	N/A					N/A		N/A	N/A
MG04ACA200A			Air								2000	4Kn	7200	SATA 6 Gbit/s					SIE	4.2	8.5	9.5
MG04ACA300A		3000									128				194	11.3						
MG04ACA400A		4000															128	194				
MG04ACA500A		5000		215	11.3																	
MG04ACA600A		6000				128	215	11.3														
MG06ACA600A		6000		256	241				8.97													
MG05ACA800A		8000				128	241	11.4														
MG06ACA800A		8000		256	241				9.81													
MG06ACA10TA		10000				256	249	10.62														
MG07ACA12TA		Helium		12000	256				254	7.8												
MG07ACA14TA				14000		256	260	7.8														
MG08ACA16TA				16000	512				N/A	N/A	N/A				N/A	N/A	N/A	N/A				

- „2.5-inch“ and „3.5-inch“ mean the form factor of HDDs. They do not indicate drive's physical size.
- IOPS: Input Output Per Second (or the number of I/O operations per second)
- A = Advanced Format Sector (4k), E = 512byte Sector Emulated, N = 512byte Sector Native, P = 4Kn Q=512te
- MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products which may not accurately reflect actual operation. Actual

- operating life of the product may be different from the MTTF. Read and write speed may vary depending on the host device, read and write conditions and file size.
- SIE = Sanitize Instant Erase, SED = Self Encrypting Drives, FIPS = Federal Information Processing Standard
- Images displayed of the Internal Hard Drives are for illustration purposes only and do not show the actual products. The images are merely intended to help illustrate the function of the products.

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Further information
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