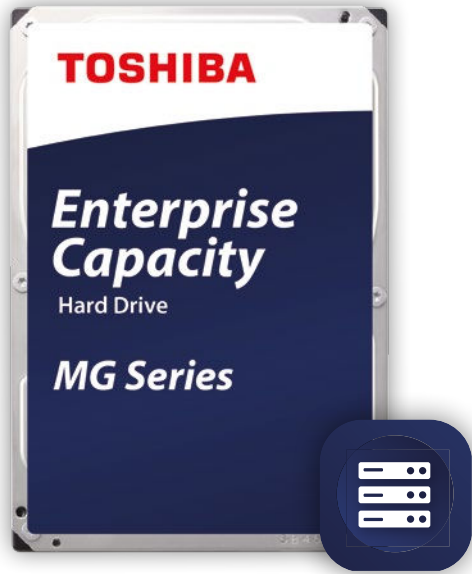




Enterprise Hard Drives

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)	
										(ms) read	(ms) write								
ENTERPRISE CAPACITY HDD WITH SAS 12 GB/S INTERFACE – BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																			
MG04SCA20EN	3.5"	Air	2000	5xxn	7200	128	SAS 12 Gbit/s	SIE	4.2	8.5	9.5	204	11.8	1.4M	1 in 10^15	24/7	550	5	
MG04SCA40EN			4000					SIE											
MG04SCA20EE			2000					SIE											
MG04SCA40EE			4000	5xxe		128		SIE/SED				215	11.8	1.4M					
MG04SCA60EE			6000					SIE/SED											
MG06SCA600E			6000					SIE					9.18						2.5M
MG06SCA800E			8000					SIE/SED					9.78						
MG06SCA10TE		10000	SIE/SED			10.78													
MG07SCA12TE		Helium	12000			SIE/SED		7.81											
MG07SCA14TE			14000			SIE/SED		8.36											

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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																
MG04SCA60EA			SIE/SED																
MG06SCA600A			6000			256		SIE				241	9.18	2.5M					
MG06SCA800A			8000					SIE/SED				241	9.78						
MG06SCA10TA			10000					SIE/SED				248	10.78						
MG07SCA12TA		Helium	12000			SIE/SED		254				7.81							
MG07SCA14TA			14000			SIE/SED		260				8.36							
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		128						184	11.3						
MG04ACA300E			3000			128						194	11.3						
MG04ACA400E			4000			128						194	11.3						
MG04ACA500E			5000			128						215	11.3						
MG04ACA600E			6000			128						215	11.3						
MG06ACA600E			6000			256						241	8.97	2.5M					
MG05ACA800E			8000			128						241	11.4	2.0M					
MG06ACA800E			8000			256						241	9.81	2.5M					
MG06ACA10TE			10000			256						249	10.62						
MG07ACA12TE		Helium	12000			256						254	7.8						
MG07ACA14TE			14000			256						260	7.8						
MG04ACA200A		Air	2000	4kn		128						184	11.3	1.4M					
MG04ACA300A			3000			128						194	11.3						
MG04ACA400A			4000			128						194	11.3						
MG04ACA500A			5000			128						215	11.3						
MG04ACA600A			6000			128						215	11.3						
MG06ACA600A			6000			256						241	8.97						2.5M
MG05ACA800A			8000			128						241	11.4	2.0M					
MG06ACA800A			8000			256						241	9.81	2.5M					
MG06ACA10TA			10000			256						249	10.62						
MG07ACA12TA			Helium			12000						256	254						7.8
MG07ACA14TA						14000						256	260						7.8

- „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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