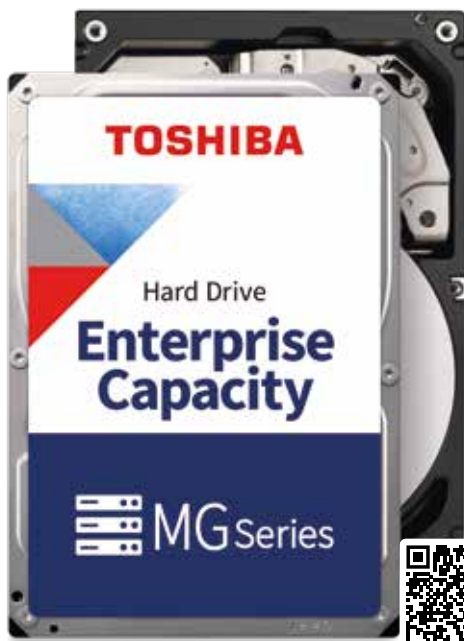


# TOSHIBA



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## MG Series Enterprise Capacity Hard Drives

As Big Data drives demand for more distributed storage in the cloud and on premises, enterprise server and storage systems need to be built using trusted solutions. Toshiba's Enterprise Capacity Hard Drive – MG Series offers formatted capacities as high as 20 TB with interface options including SATA and SAS and delivers 24/7 operation at a workload of 550 TB/year. The MG Series is ideal for enterprise storage array and industrial server and storage systems. It provides the capacity and advanced technologies to meet the special demands of datacenter and cloud-scale infrastructures.

### Use for

- Enterprise Server
- Enterprise Storage
- Cloud Scale up and Scale out Storage
- Archive Systems
- Industrial and Surveillance Storage

### Top Features

- 3.5" SATA or SAS Hard Drive
- 7,200 rpm
- Persistent Write Cache Technology
- 550 TB/year workload
- Flexibility in block size
- 24/7 operation
- 5-year warranty

### Capacities

20 TB	18 TB	16 TB	14 TB	12 TB	10 TB
8 TB	6 TB	4 TB	2 TB	1 TB	



## MG Series



Enterprise Hard Drives

Model Number	Specification					Performance		Reliability				
	Fill Gas & Recording	Capacity (GB)	Block Size (Byte)	Buffer Size (MiByte)	Interface	Security Options	Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate		
<b>Enterprise Capacity HDD with SAS 12 Gbit/s Interface – Business Critical Storages with large capacity</b>												
MG04SCA20EN	Air CMR	2,000	512n	128	SAS 12 Gbit/s	SIE	204	11.8	1.4 mill.	1 in 10 <sup>15</sup>		
MG04SCA40EN		4,000				SIE	204	11.8				
MG08SDA400N		4,000				SIE/SED	233	8.5				
MG04SCA20EE		Air CMR	2,000	512e	128	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 <sup>15</sup>	
MG04SCA40EE			4,000				SIE/SED	215	11.8			
MG08SDA400E			4,000				SIE/SED	255	8.5			
MG06SCA600E			6,000				SIE	241	9.5			
MG08SDA600E			6,000				SIE/SED	251	9.2			
MG06SCA800E			8,000				SIE/SED	249	10.2			
MG08SDA800E			8,000	SIE/SED	260	9.9						
MG06SCA10TE			Helium CMR	10,000	512	512	SAS 12 Gbit/s	SIE/SED	249	11.0		2.5 mill.
MG07SCA12TE				12,000				SIE/SED	254	7.8		
MG07SCA14TE	14,000			SIE/SED				260	8.4			
MG08SCA14TE	14,000			SIE				260	8.2			
MG08SCA16TE	16,000			SIE/SED				275	8.2			
MG09SCA16TE	16,000	SIE/SED		281				9.2				
MG09SCA18TE	Helium MAMR	18,000	512	512	SAS 12 Gbit/s	SIE/SED	281	9.2	2.5 mill.			
MG10SCA20TE		20,000				SIE/SED	281	9.6				
MG04SCA20EA	Air CMR	2,000	4Kn	128	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 <sup>15</sup>		
MG04SCA40EA		4,000				SIE/SED	215	11.8				
MG08SDA400A		4,000				SIE/SED	255	8.5				
MG06SCA600A		6,000				SIE	241	9.5				
MG08SDA600A		6,000				SIE/SED	251	9.2				
MG06SCA800A		8,000				SIE/SED	249	10.2				
MG08SDA800A		8,000	SIE/SED	260	9.9							
MG06SCA10TA		Helium CMR	10,000	512	512	SAS 12 Gbit/s	SIE/SED	249	11.0		2.5 mill.	
MG07SCA12TA			12,000				SIE/SED	254	7.8			
MG07SCA14TA			14,000				SIE/SED	260	8.4			
MG08SCA14TA			14,000				SIE	260	8.2			
MG08SCA16TA			16,000				SIE/SED	275	8.2			
MG09SCA16TA	16,000		SIE/SED				281	9.2				
MG09SCA18TA	Helium MAMR	18,000	512	512	SAS 12 Gbit/s	SIE/SED	281	9.2	2.5 mill.			
MG10SCA20TA		20,000				SIE/SED	281	9.6				
<b>Enterprise Capacity HDD with SATA 6 Gbit/s Interface – Mainstream Server and Storage, Hyperscale- and Cloud Storage</b>												
MG04ACA100N	Air CMR	1,000	512n	128	SATA 6 Gbit/s	SIE	204	11.3	1.4 mill.	1 in 10 <sup>15</sup>		
MG04ACA200N		2,000				SIE	204	11.3				
MG04ACA400N		4,000				SIE	204	11.3				
MG08ADA400N		4,000	SIE/SED	233	8.1	2.0 mill.						
MG04ACA200E		Air CMR	2,000	512e	128	SATA 6 Gbit/s	SIE	184	11.3	1.4 mill.	1 in 10 <sup>15</sup>	
MG04ACA400E			4,000				SIE	194	11.3			
MG08ADA400E			4,000				SIE/SED	255	8.1			
MG06ACA600E			6,000				SIE	241	9.0			
MG08ADA600E			6,000				SIE/SED	251	8.7			
MG06ACA800E			8,000				SIE	241	9.8			
MG08ADA800E			8,000	SIE/SED	260	9.5						
MG06ACA10TE			Helium CMR	10,000	512	512	SATA 6 Gbit/s	SIE/SED	249	10.6		2.0 mill.
MG07ACA12TE	12,000			SIE/SED				254	7.8			
MG07ACA14TE	14,000			SIE/SED				260	8.0			
MG08ACA14TE	14,000			SIE				260	7.7			
MG08ACA16TE	16,000			SIE/SED				275	7.7			
MG09ACA16TE	16,000	SIE/SED		281				8.3				
MG09ACA18TE	Helium MAMR	18,000	512	512	SATA 6 Gbit/s	SIE/SED	281	8.3	2.5 mill.			
MG10ACA20TE		20,000				SIE/SED	281	9.3				
MG04ACA200A	Air CMR	2,000	4Kn	128	SATA 6 Gbit/s	SIE	184	11.3	1.4 mill.	1 in 10 <sup>15</sup>		
MG04ACA400A		4,000				SIE	194	11.3				
MG08ADA400A		4,000				SIE/SED	255	8.1				
MG06ACA600A		6,000				SIE	241	9.0				
MG08ADA600A		6,000				SIE/SED	251	8.7				
MG06ACA800A		8,000				SIE	241	9.8				
MG08ADA800A		8,000	SIE/SED	260	9.5							
MG06ACA10TA		Helium CMR	10,000	512	512	SATA 6 Gbit/s	SIE	249	10.6		2.0 mill.	
MG07ACA12TA			12,000				SIE	254	7.8			
MG07ACA14TA			14,000				SIE	260	8.0			
MG08ACA14TA			14,000				SIE	260	7.7			
MG08ACA16TA			16,000				SIE/SED	275	7.7			
MG09ACA16TA	16,000		SIE/SED				281	8.3				
MG09ACA18TA	Helium MAMR	18,000	512	512	SATA 6 Gbit/s	SIE/SED	281	8.3	2.5 mill.			
MG10ACA20TA		20,000				SIE/SED	281	9.3				