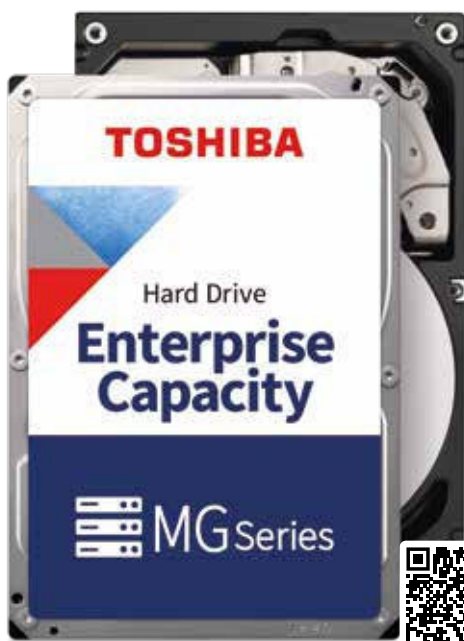


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MG Series Enterprise Capacity Hard Drives

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 22 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

22 TB	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)	OperatingPower (W) typ.	MTTF (hrs)	Unrecoverable Error Rate
Enterprise Capacity HDD with SAS 12 Gbit/s Interface – Business Critical Storages with large capacity										
MG04SCA20EN	Air CMR	2,000	512n	128	SAS 12 Gbit/s	S/E	204	11.8	1.4 mill.	1 in 10 ¹⁵
MG08SDA400N		4,000		256		S/E/SED	233	8.5	2.0 mill.	
MG04SCA20EE		2,000	512e	128	SAS 12 Gbit/s	S/E	215	11.8	1.4 mill.	1 in 10 ¹⁵
MG08SDA400E		4,000		256		S/E/SED	255	8.5	2.0 mill.	
MG08SDA600E		6,000		256		S/E/SED	251	9.2	2.0 mill.	
MG08SDA800E		8,000				S/E/SED	260	9.9	2.0 mill.	
MG06SCA10TE		10,000				S/E/SED	249	11.0	2.5 mill.	
MG07SCA12TE	Helium CMR	12,000				S/E/SED	254	7.8		
MG07SCA14TE		14,000				S/E/SED	260	8.4		
MG08SCA16TE		16,000	S/E/SED		275	8.2				
MG09SCA18TE	Helium MAMR	18,000	512	S/E/SED	281	9.2				
MG10SCA20TE		20,000		S/E/SED	281	9.6				
MG10SFA22TE		22,000		S/E/SED	284	10.2				
MG04SCA20EA	Air CMR	2,000	4Kn	128	SAS 12 Gbit/s	S/E	215	11.8	1.4 mill.	1 in 10 ¹⁵
MG08SDA400A		4,000		256		S/E/SED	255	8.5	2.0 mill.	
MG08SDA600A		6,000		256		S/E/SED	251	9.2	2.0 mill.	
MG08SDA800A		8,000				S/E/SED	260	9.9	2.0 mill.	
MG06SCA10TA		10,000				S/E/SED	249	11.0	2.5 mill.	
MG07SCA12TA		Helium CMR				12,000	S/E/SED	254		
MG07SCA14TA	14,000		S/E/SED	260	8.4					
MG08SCA16TA	16,000		S/E/SED	275	8.2					
MG09SCA18TA	Helium MAMR	18,000	512	S/E/SED	281	9.2				
MG10SCA20TA		20,000		S/E/SED	281	9.6				
Enterprise Capacity HDD with SATA 6 Gbit/s Interface – Mainstream Server and Storage, Hyperscale- and Cloud Storage										
MG04ACA100N	Air CMR	1,000	512n	128	SATA 6 Gbit/s	S/E	204	11.3	1.4 mill.	1 in 10 ¹⁵
MG04ACA200N		2,000		256		S/E	204	11.3		
MG08ADA400N		4,000	512e	256	SATA 6 Gbit/s	S/E/SED	233	8.1	2.0 mill.	1 in 10 ¹⁵
MG04ACA200E		2,000		128		S/E	184	11.3	1.4 mill.	
MG08ADA400E		4,000		256		S/E/SED	255	8.1	2.0 mill.	
MG08ADA600E		6,000		256		S/E/SED	251	8.7	2.0 mill.	
MG08ADA800E		8,000				S/E/SED	260	9.5	2.0 mill.	
MG06ACA10TE		10,000				S/E/SED	249	10.6	2.5 mill.	
MG07ACA12TE	Helium CMR	12,000				S/E/SED	254	7.8		
MG07ACA14TE		14,000				S/E/SED	260	8.0		
MG08ACA16TE		16,000	S/E/SED		275	7.7				
MG09ACA18TE	Helium MAMR	18,000	512	S/E/SED	281	8.3				
MG10ACA20TE		20,000		S/E/SED	281	9.3				
MG10AFA22TE		22,000		S/E/SED	284	9.8				
MG04ACA200A	Air CMR	2,000	4Kn	128	SATA 6 Gbit/s	S/E	184	11.3	1.4 mill.	1 in 10 ¹⁵
MG08ADA400A		4,000		256		S/E/SED	255	8.1	2.0 mill.	
MG08ADA600A		6,000		256		S/E/SED	251	8.7	2.0 mill.	
MG08ADA800A		8,000				S/E/SED	260	9.5	2.0 mill.	
MG06ACA10TA	10,000	256	S/E		249	10.6	2.5 mill.			
MG07ACA12TA	Helium CMR		12,000		S/E	254		7.8		
MG07ACA14TA			14,000	S/E	260	8.0				
MG08ACA16TA			16,000	S/E/SED	275	7.7				
MG09ACA18TA	Helium MAMR	18,000	512	S/E/SED	281	8.3				
MG10ACA20TA		20,000		S/E/SED	281	9.3				