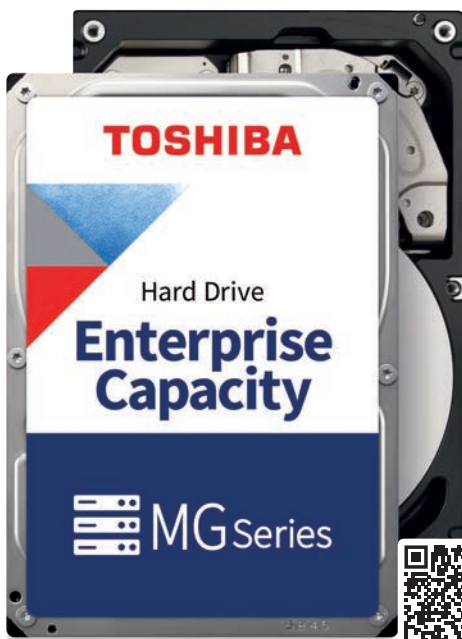


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


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)	Operating Power (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	SIE	204	11.8	1.4 mill.	1 in 10 ¹⁵	
MG08SDA400N		4,000		256	12 Gbit/s	SIE/SED	233	8.5	2.0 mill.		
MG04SCA20EE		2,000	512e	128	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 ¹⁵	
MG08SDA400E		4,000		256		SIE/SED	255	8.5	2.0 mill.		
MG08SDA600E		6,000		SIE/SED		251	9.2	2.0 mill.			
MG08SDA800E		8,000		SIE/SED		260	9.9	2.0 mill.			
MG06SCA10TE		10,000		SIE/SED		249	11.0	2.5 mill.	1 in 10 ¹⁵		
MG07SCA12TE		12,000		SIE/SED		254	7.8				
MG07SCA14TE		14,000		SIE/SED		260	8.4	2.5 mill.	1 in 10 ¹⁵		
MG08SCA16TE		16,000		SIE/SED		275	8.2				
MG09SCA18TE	18,000	512		SIE/SED		281	9.2	2.5 mill.	1 in 10 ¹⁵		
MG10SCA20TE	20,000			SIE/SED		281	9.6				
MG10FA22TE	22,000		SIE/SED	n.a.	n.a.						
MG04SCA20EA	Air CMR	2,000	4Kn	128	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 ¹⁵	
MG08SDA400A		4,000		256		SIE/SED	255	8.5	2.0 mill.		
MG08SDA600A		6,000		256		SIE/SED	251	9.2	2.0 mill.		
MG08SDA800A		8,000				SIE/SED	260	9.9	2.0 mill.		
MG06SCA10TA		10,000		SIE/SED		249	11.0	2.5 mill.	1 in 10 ¹⁵		
MG07SCA12TA		12,000		SIE/SED		254	7.8				
MG07SCA14TA		14,000		512		SIE/SED	260	8.4	2.5 mill.		1 in 10 ¹⁵
MG08SCA16TA		16,000				SIE/SED	275	8.2			
MG09SCA18TA		18,000				SIE/SED	281	9.2			
MG10SCA20TA		20,000		MAMR		SIE/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	SIE	204	11.3	1.4 mill.	1 in 10 ¹⁵	
MG04ACA200N		2,000		256		SIE/SED	233	8.1	2.0 mill.		
MG08ADA400N		4,000	512e	128	SATA 6 Gbit/s	SIE	184	11.3	1.4 mill.	1 in 10 ¹⁵	
MG04ACA200E		2,000		256		SIE/SED	255	8.1	2.0 mill.		
MG08ADA400E		4,000		SIE/SED		251	8.7	2.0 mill.			
MG08ADA600E		6,000		SIE/SED		260	9.5	2.0 mill.			
MG08ADA800E		8,000		SIE/SED		249	10.6	2.5 mill.	1 in 10 ¹⁵		
MG06ACA10TE		10,000		SIE/SED		254	7.8				
MG07ACA12TE		12,000		512		SIE/SED	260	8.0	2.5 mill.		1 in 10 ¹⁵
MG07ACA14TE		14,000				SIE/SED	275	7.7			
MG08ACA16TE	16,000	SIE/SED				281	8.3				
MG09ACA18TE	18,000	512		SIE/SED		281	9.3	2.5 mill.	1 in 10 ¹⁵		
MG10ACA20TE	20,000		SIE/SED	281	n.a.						
MG10FA22TE	22,000		SIE/SED	n.a.	n.a.						
MG04ACA200A	Air CMR	2,000	4Kn	128	SATA 6 Gbit/s	SIE	184	11.3	1.4 mill.	1 in 10 ¹⁵	
MG08ADA400A		4,000		256		SIE/SED	255	8.1	2.0 mill.		
MG08ADA600A		6,000		256		SIE/SED	251	8.7	2.0 mill.		
MG08ADA800A		8,000				SIE/SED	260	9.5	2.0 mill.		
MG06ACA10TA		10,000		SIE		249	10.6	2.5 mill.	1 in 10 ¹⁵		
MG07ACA12TA		12,000		SIE		254	7.8				
MG07ACA14TA		14,000		512		SIE	260	8.0	2.5 mill.		1 in 10 ¹⁵
MG08ACA16TA		16,000				SIE/SED	275	7.7			
MG09ACA18TA		18,000				SIE/SED	281	8.3			
MG10ACA20TA		20,000		MAMR		SIE/SED	281	9.3			