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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												
MG10SDA200N	Air CMR	2,000	512n	512	SAS 12 Gbit/s	SIE/SED	204	8.7	2.0 mill.	1 in 10 ¹⁵		
MG10SDA400N		4,000					239	9.6				
MG07SCA12TA	Helium CMR	12,000	4Kn	256	SAS 12 Gbit/s	SIE/SED	254	7.8	2.5 mill.	1 in 10 ¹⁵		
MG07SCA14TA		14,000					260	8.4				
MG09SCA16TA	Helium MAMR	16,000		512			281	9.2				
MG09SCA18TA		18,000						9.2				
MG10SCA20TA		20,000						9.6				
MG10SDA200E	Air CMR	2,000		512	SAS 12 Gbit/s	SIE/SED	281	8.0	2.0 mill.	1 in 10 ¹⁵		
MG10SDA400E		4,000						8.9				
MG10SDA600E		6,000						9.7				
MG10SDA800E		8,000						10.5				
MG10SDA10TE		10,000						11.3				
MG07SCA12TE	Helium CMR	12,000		256	SAS 12 Gbit/s	SIE/SED	254	7.8	2.5 mill.			
MG07SCA14TE		14,000					260	8.4				
MG09SCA16TE	Helium MAMR	16,000	512	281			9.2					
MG09SCA18TE		18,000					9.2					
MG10SCA20TE		20,000					9.6					
MG10SFA22TE		22,000			284	10.2						
Enterprise Capacity HDD with SATA 6 Gbit/s Interface – Mainstream Server and Storage, Hyperscale- and Cloud Storage												
MG10ADA100N	Air CMR	1,000	512n	512	SATA 6 Gbit/s	SIE/SED	221	7.6	2.0 mill.	1 in 10 ¹⁵		
MG10ADA200N		2,000					221	8.3				
MG10ADA400N		4,000					239	9.3				
MG07ACA12TA	Helium CMR	12,000	4Kn	256	SATA 6 Gbit/s	SIE/SED	254	7.8	2.5 mill.	1 in 10 ¹⁵		
MG07ACA14TA		14,000					260	8.0				
MG09ACA16TA	Helium MAMR	16,000		512			281	8.3				
MG09ACA18TA		18,000						8.3				
MG10ACA20TA		20,000						9.3				
MG10ADA200E	Air CMR	2,000	512e	512	SATA 6 Gbit/s	SIE/SED	281	7.7	2.0 mill.	1 in 10 ¹⁵		
MG10ADA400E		4,000						8.6				
MG10ADA600E		6,000						9.3				
MG10ADA800E		8,000						10.1				
MG10ADA10TE		10,000						11.0				
MG07ACA12TE	Helium CMR	12,000		256			254	7.8	260		8.0	2.5 mill.
MG07ACA14TE		14,000						260			8.3	
MG09ACA16TE	Helium MAMR	16,000		512			281	8.3				
MG09ACA18TE		18,000						8.3				
MG10ACA20TE		20,000						9.3				
MG10AFA22TE		22,000						284	9.8			