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MG Series Enterprise Capacity Hard Drives

Toshiba's Enterprise Capacity Hard Drive - MG Series offers the capacity, workload and reliability needed to keep your surveillance centralized storage up and running 24/7. Users can choose between SAS or SATA interface options. The large cache, high spindle speeds and a workload of 550 TB/year mean the MG Series delivers the performance required for the analysis of surveillance data and for professional data storage.

Use for

- Centralized Surveillance Data Storage Systems
- Archive and Data Recovery Systems
- Industrial Server- and Storage Systems
- Enterprise Storage Arrays

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

24 TB	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 ¹⁶	
MG10SDA400N		4,000					239	9.6			
MG09SCA12TA	Helium MAMR	12,000	4Kn	512	SAS 12 Gbit/s	SIE/SED	281	8.4	2.5 mill.	1 in 10 ¹⁶	
MG09SCA14TA		14,000						8.9			
MG09SCA16TA		16,000						9.2			
MG09SCA18TA		18,000						9.2			
MG10SCA20TA		20,000						9.6			
MG10SDA200E	Air CMR	2,000	512e	512	SAS 12 Gbit/s	SIE/SED	281	8.0	2.0 mill.	1 in 10 ¹⁶	
MG10SDA400E		4,000						8.9			
MG10SDA600E		6,000						9.7			
MG10SDA800E		8,000						10.5			
MG10SDA10TE		10,000						11.3			
MG09SCA12TE	Helium MAMR	12,000						8.4	2.5 mill.		1 in 10 ¹⁶
MG09SCA14TE		14,000						8.9			
MG09SCA16TE		16,000						9.2			
MG09SCA18TE		18,000						9.2			
MG10SCA20TE		20,000						9.6			
MG10SFA22TE		22,000	10.2								
MG11SCA24TE		24,000	10.2								
		1024	309	9.6							

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 ¹⁶	
MG10ADA200N		2,000					221	8.3			
MG10ADA400N		4,000					239	9.3			
MG09ACA12TA	Helium MAMR	12,000	4Kn	512	SATA 6 Gbit/s	SIE/SED	281	7.9	2.5 mill.	1 in 10 ¹⁶	
MG09ACA14TA		14,000						8.5			
MG09ACA16TA		16,000						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 ¹⁶	
MG10ADA400E		4,000						8.6			
MG10ADA600E		6,000						9.3			
MG10ADA800E		8,000						10.1			
MG10ADA10TE		10,000						11.0			
MG09ACA12TE	Helium MAMR	12,000						7.9	2.5 mill.		1 in 10 ¹⁶
MG09ACA14TE		14,000						8.5			
MG09ACA16TE		16,000						8.3			
MG09ACA18TE		18,000						8.3			
MG10ACA20TE		20,000						9.3			
MG10AFA22TE		22,000	9.8								
MG11ACA24TE		24,000	9.8								
		1024	309	9.2							