



Enterprise Hard Drives

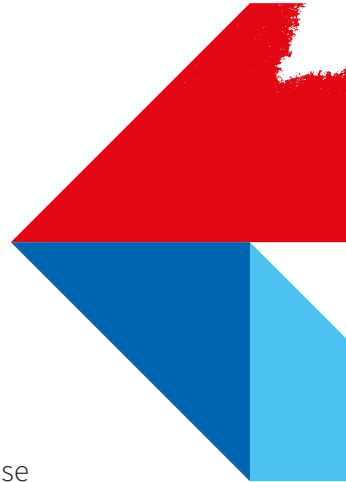
MG Series

Enterprise Capacity HDD

Use for:

Business Critical Enterprise Server and Storage Systems | Enterprise Storage Arrays | Cloud and Hyperscale Storage Systems | Big Data, Distributed File Systems | Enterprise Archive and Data Recovery Systems | Industrial Server- and Storage Systems

- 550 TB/year workload
- 24/7 operation
- Flexibility in block size
- Persistent Write Cache Technology
- 5-year warranty
- Optional: Self-Encryption, Instant Erase



Model Number	Basic Specifications								Performance		Reliability					
	Form-factor	Fill Gas & Recording	Capacity (GB)	Block Size (Byte)	Spindle Speed (RPM)	Buffer Size (MiByte)	Interface	Security Options	Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate	Duty	Rated Workload (TB/year)	Warranty (years)	
ENTERPRISE CAPACITY HDD WITH SAS 12 GBIT/S INTERFACE - BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																
MG04SCA20EN	3.5"	Air CMR	2,000	512n	7,200	128	SAS 12 Gbit/s	SIE	204	11.8	1.4 mill.	1 in 10 ¹⁵	24/7	550	5	
MG04SCA40EN			4,000					SIE								
MG08SDA400N			4,000					SIE/SED								233
MG04SCA20EE			2,000					SIE								215
MG04SCA40EE			4,000					SIE/SED								255
MG08SDA400E			4,000					SIE/SED								255
MG06SCA600E			6,000					SIE								241
MG08SDA600E			6,000					SIE/SED								251
MG06SCA800E			8,000					SIE/SED								249
MG08SDA800E			8,000					SIE/SED								260
MG06SCA10TE		10,000	SIE/SED	249												
MG07SCA12TE		12,000	SIE/SED	254												
MG07SCA14TE		14,000	SIE/SED	260												
MG08SCA14TE		14,000	SIE	260												
MG08SCA16TE		16,000	SIE/SED	275												
MG09SCA16TE		16,000	SIE/SED	281												
MG09SCA18TE		18,000	SIE/SED	281												
MG06SCA800E		Helium CMR	512e	7,200	256	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 ¹⁵	24/7	550	5		
MG08SDA800E							SIE/SED									
MG06SCA10TE							SIE/SED									
MG07SCA12TE	SIE/SED															
MG07SCA14TE	SIE/SED															
MG08SCA14TE	SIE/SED															
MG08SCA16TE	SIE															
MG09SCA16TE	SIE/SED															
MG09SCA18TE	SIE/SED															
MG06SCA800E	Helium MAMR						512e								7,200	256
MG08SDA800E		SIE/SED														
MG06SCA10TE		SIE/SED														
MG07SCA12TE		SIE/SED														
MG07SCA14TE		SIE/SED														
MG08SCA14TE		SIE/SED														
MG08SCA16TE		SIE														
MG09SCA16TE		SIE/SED														
MG09SCA18TE		SIE/SED														
ENTERPRISE CAPACITY HDD WITH SAS 12 GBIT/S INTERFACE - BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																
MG04SCA20EA	3.5"	Air CMR	2,000	4Kn	7,200	128	SAS 12 Gbit/s	SIE	215	11.8	1.4 mill.	1 in 10 ¹⁵	24/7	550	5	
MG04SCA40EA			4,000					SIE/SED								
MG08SDA400A			4,000					SIE/SED								255
MG06SCA600A			6,000					SIE								241
MG08SDA600A			6,000					SIE/SED								251
MG06SCA800A			8,000					SIE/SED								249
MG08SDA800A			8,000					SIE/SED								260
MG06SCA10TA			10,000					SIE/SED								249

MG Series Enterprise Capacity HDD

Model Number	Basic Specifications								Performance		Reliability					
	Form-factor	Fill Gas & Recording	Capacity (GB)	Block Size (Byte)	Spindle Speed (RPM)	Buffer Size (MiByte)	Interface	Security Options	Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate	Duty	Rated Workload (TB/year)	Warranty (years)	
ENTERPRISE CAPACITY HDD WITH SAS 12 GBIT/S INTERFACE – BUSINESS CRITICAL STORAGES WITH LARGE CAPACITY																
MG07SCA12TA	3.5"	Helium CMR	12,000	4Kn	7,200	256	SAS 12 Gbit/s	SIE/SED	254	7.8	2.5 mill.	1 in 10 ¹⁵	24/7	550	5	
MG07SCA14TA			14,000					SIE/SED	260	8.4						
MG08SCA14TA			14,000					SIE	260	8.2						
MG08SCA16TA		16,000	SIE/SED			275		9.2								
MG09SCA16TA		16,000	SIE/SED			281		9.2								
MG09SCA18TA		18,000	SIE/SED			281		9.2								
ENTERPRISE CAPACITY HDD WITH SATA 6 GBIT/S INTERFACE – MAINSTREAM SERVER AND STORAGE, HYPERSCALE- AND CLOUD STORAGE																
MG04ACA100N	3.5"	Air CMR	1,000	512n	7,200	128	SATA 6 Gbit/s	SIE	204	11.3	1.4 mill.	1 in 10 ¹⁵	24/7	550	5	
MG04ACA200N			2,000					SIE								
MG04ACA400N			4,000					SIE								
MG08ADA400N			4,000	SIE/SED	233	8.1	2.0 mill.									
MG04ACA200E			2,000	SIE	184	11.3	1.4 mill.									
MG04ACA400E			4,000	SIE	194	8.1	2.0 mill.									
MG08ADA400E			4,000	SIE/SED	255	8.1	2.0 mill.									
MG06ACA600E			6,000	SIE	241	9.0	2.5 mill.									
MG08ADA600E			6,000	SIE/SED	251	8.7	2.0 mill.									
MG06ACA800E			8,000	SIE	241	9.8	2.5 mill.									
MG08ADA800E			8,000	SIE/SED	260	9.5	2.0 mill.									
MG06ACA10TE			10,000	SIE/SED	249	10.6	1 in 10 ¹⁵	24/7	550	5						
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												
MG09ACA16TE		16,000	SIE/SED	281												
MG09ACA18TE		18,000	SIE/SED	281	8.3											
MG10ACA20TE		20,000	SIE/SED	281	9.3											
MG04ACA200A		2,000	Air CMR	2,000	4Kn	7,200	128	SATA 6 Gbit/s	SIE	184	11.3	1.4 mill.	1 in 10 ¹⁵	24/7	550	5
MG04ACA400A		4,000		SIE					194							
MG08ADA400A		4,000		SIE/SED					255	8.1	2.0 mill.					
MG06ACA600A		6,000		SIE	241	9.0	2.5 mill.									
MG08ADA600A		6,000		SIE/SED	251	8.7	2.0 mill.									
MG06ACA800A		8,000		SIE	241	9.8	2.5 mill.									
MG08ADA800A		8,000		SIE/SED	260	9.5	2.0 mill.									
MG06ACA10TA		10,000		SIE	249	10.6	1 in 10 ¹⁵	24/7	550	5						
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												
MG09ACA16TA	16,000	SIE/SED	281													
MG09ACA18TA	18,000	SIE/SED	281	8.3												
MG10ACA20TA	20,000	SIE/SED	281	9.3												

- „2.5-inch“ and „3.5-inch“ mean the form factor of HDDs. They do not indicate drive's physical size.
- IOPS: Input Output Per Second (or the number of I/O operations per second)
- A = Advanced Format Sector (4k), E = 512byte Sector Emulated, N = 512byte Sector Native, P = 4Kn Q=512e
- MTTF (Mean Time to Failure) is not a guarantee or estimate of product life; it is a statistical value related to mean failure rates for a large number of products which may not accurately reflect actual operation. Actual

operating life of the product may be different from the MTTF. Read and write speed may vary depending on the host device, read and write conditions and file size.

- SIE = Sanitize Instant Erase, SED = Self Encrypting Drives, FIPS = Federal Information Processing Standard
- Images displayed of the Internal Hard Drives are for illustration purposes only and do not show the actual products. The images are merely intended to help illustrate the function of the products.