



## 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	Capacity (GB)	Block Size (Byte)	Spindle Speed (RPM)	Buffer Size (MiByte)	Interface	Security Options	Average Latency (ms)	Average Seek Time		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	2,000	512n	7,200	128	SAS 12 Gbit/s	SIE	4.2	8.5	9.5	204	11.8	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5
MG04SCA40EN			4,000					SIE										
MG04SCA20EE			2,000	512e	7,200	128	SAS 12 Gbit/s	SIE	4.2	8.5	9.5	215	11.8	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5
MG04SCA40EE			4,000					SIE/SED										
MG04SCA60EE			6,000					SIE/SED										
MG04SCA20EA			2,000	4Kn	7,200	128	SAS 12 Gbit/s	SIE	4.2	8.5	9.5	215	11.8	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5
MG04SCA40EA			4,000					SIE/SED										
MG04SCA60EA			6,000					SIE/SED										

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										(ms) read	(ms) write																
<b>ENTERPRISE CAPACITY HDD WITH SATA INTERFACE – MAINSTREAM SERVER AND STORAGE, HYPERSCALE- AND CLOUD STORAGE</b>																											
MG04ACA100N	3.5"	Air	1,000	512n	7,200	128	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	204	11.3	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5									
MG04ACA200N			2,000																								
MG04ACA400N			4,000																								
MG04ACA200E			2,000	512e		7,200		128				SATA 6 Gbit/s		SIE		4.2			8.5	9.5	184	11.3	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5
MG04ACA300E			3,000																								
MG04ACA400E			4,000																								
MG04ACA500E			5,000																								
MG04ACA600E			6,000																								
MG06ACA600E			6,000																								
MG05ACA800E			8,000																								
MG06ACA800E		8,000	512e	7,200	256	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	241	8.97	2.5 mill.	1 in 10 <sup>15</sup>	24/7	550	5										
MG06ACA10TE		10,000																									
MG07ACA12TE		12,000																									
MG07ACA14TE		14,000																									
MG04ACA200A		Air	2,000	4Kn	7,200	128	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	184	11.3	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5									
MG04ACA300A			3,000																								
MG04ACA400A			4,000																								
MG04ACA500A			5,000																								
MG04ACA600A			6,000																								
MG05ACA800A			8,000																								
MG06ACA800A	8,000																										
MG06ACA10TA	10,000																										
MG07ACA12TA	12,000																										
MG07ACA14TA	14,000																										
MG04ACA200A	Helium	2,000	4Kn	7,200	128	SATA 6 Gbit/s	SIE	4.2	8.5	9.5	184	11.3	1.4 mill.	1 in 10 <sup>15</sup>	24/7	550	5										
MG04ACA300A		3,000																									
MG04ACA400A		4,000																									
MG04ACA500A		5,000																									
MG04ACA600A		6,000																									
MG05ACA800A		8,000																									
MG06ACA800A		8,000																									
MG06ACA10TA		10,000																									
MG07ACA12TA	12,000																										
MG07ACA14TA	14,000																										

- „2.5-inch“ and „3.5-inch“ mean the form factor of HDDs. They do not indicate drive's physical size.
- DWPD (Drive Write Per Day): One full drive write per day means the drive can be written and re-written to full capacity once a day every day for five years, the stated product warranty period. Actual results may vary due to system configuration, usage and other factors.
- OPS: 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.

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**Further information**  
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