



Enterprise Hard Drives AL Series

Enterprise Performance HDD

Use for:

Mission Critical Enterprise Server and Storage Systems | Business Database Server with High Workloads | Big Data Analytics | Virtualized Storage Systems

- Low Latency
- Unlimited 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	Data Rate (sustained) (MB/s)	Operating Power (W) typ.	MTTF (hrs)	Unrecoverable Error Rate	Duty	Rated Workload (TB/year)	Warranty (years)
HIGHEST PERFORMANCE HDD (15K RPM) FOR SERVERS – BUSINESS DATABASE, ONLINE TRANSACTION, HIGH PERFORMANCE COMPUTING															
AL14SXB30EN	2.5"	Air	300	512n	15,000	128	SAS 12 Gbit/s	SIE/SED	273	9.0	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SXB60EN			600												
AL14SXB90EN			900												
AL14SXB30EE			300	512e	15,000	128	SAS 12 Gbit/s	SIE/SED	304	9.0	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SXB60EE			600												
AL14SXB90EE			900												
AL14SXB30EA			300	4Kn	15,000	128	SAS 12 Gbit/s	SIE/SED	304	9.0	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SXB60EA			600												
AL14SXB90EA			900												

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	Form-factor	Fill Gas	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)
HIGHEST PERFORMANCE HDD (10K RPM) FOR SERVERS – BUSINESS DATABASE, ONLINE TRANSACTION, HIGH PERFORMANCE COMPUTING															
AL14SEB030N	2.5"	Air	300	512n	10,500	128	SAS 12 Gbit/s	SIE/SED/FIPS	215	8.7	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SEB045N			450												
AL14SEB060N			600												
AL14SEB090N			900												
AL14SEB120N			1,200												
AL14SEB06EQ			600	512e	10,500	128	SAS 12 Gbit/s	SIE/SED/FIPS	237	7.8	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SEB09EQ			900												
AL14SEB12EQ			1,200												
AL14SEB18EQ			1,800												
AL14SEB06EP			600	4Kn	10,500	128	SAS 12 Gbit/s	SIE/SED/FIPS	237	7.8	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL14SEB09EP			900												
AL14SEB12EP			1,200												
AL14SEB18EP			1,800												
PERFORMANCE HDD (10K RPM) FOR SERVERS AND STORAGE – MISSION CRITICAL BUSINESS DATABASE AND HIGH PERFORMANCE STORAGES															
AL15SEB030N	2.5"	Air	300	512n	10,500	128	SAS 12 Gbit/s	SIE/SED	236	6.5	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL15SEB060N			600						7.0						
AL15SEB090N			900						7.0						
AL15SEB120N			1,200						8.1						
AL15SEB06EQ			600	512e	10,500	128	SAS 12 Gbit/s	SIE/SED	273	6.5	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL15SEB09EQ			900							7.0					
AL15SEB12EQ			1,200							7.0					
AL15SEB18EQ			1,800							8.1					
AL15SEB24EQ			2,400	8.7											
AL15SEB06EP			600	4Kn	10,500	128	SAS 12 Gbit/s	SIE/SED	273	6.5	2.0 mill.	1 in 10 ¹⁶	24/7	unlimited	5
AL15SEB09EP			900							7.0					
AL15SEB12EP			1,200							7.0					
AL15SEB18EP			1,800							8.1					
AL15SEB24EP			2,400	8.7											

- „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.