



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 & 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) |
| HIGHEST PERFORMANCE HDD (15K RPM) FOR SERVERS – BUSINESS DATABASE, ONLINE TRANSACTION, HIGH PERFORMANCE COMPUTING | | | | | | | | | | | | | | | |
| AL14SXB30EN | 2.5" | Air CMR | 300 | 5xxn | 15,000 | 128 | SAS 12 Gbit/s | SIE/SED | 272 | 9.0 | 2.0 mill. | 1 in 10 ¹⁶ | 24/7 | unlimited | 5 |
| AL14SXB60EN | | | 600 | | | | | | | | | | | | |
| AL14SXB90EN | | | 900 | | | | | | | | | | | | |
| AL14SXB30EE | | | 300 | 5xxe | 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 | | | | | | | | | | | | |
| 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 | | | | | | 245 | 7.0 | | | | | |
| AL15SEB090N | | | 900 | | | | | | | 7.0 | | | | | |
| AL15SEB120N | | | 1,200 | 512e | 10,500 | 128 | SAS 12 Gbit/s | SIE/SED | 273 | 8.1 | 2.0 mill. | 1 in 10 ¹⁶ | 24/7 | unlimited | 5 |
| AL15SEB06EQ | | | 600 | | | | | | | 6.5 | | | | | |
| 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.

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Further information
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