

Toshiba launches next generation 15,000 RPM enterprise performance HDDs

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Toshiba Corporation today announced new additions to its lineup of enterprise performance hard disk drives (HDD), the AL13SXB series and the self-encrypting AL13SXQ series, which are suitable for mission-critical enterprise applications. Sample shipping will start from the middle of March.

The AL13SX series offers capacities up to 600GB, the largest-class storage capacity in a 15,000 RPM 2.5-inch design, double the maximum capacity of previous generation drives. The drives provide lower latency and power savings compared with legacy 3.5-inch 15,000 RPM 600GB models.

Customers have the choice of AL13SX drives that support 512n(native), 512e(emulation) or 4Kn storage formats. The long sector models (512e and 4Kn) reach sustained transfer rates up to 243 MiB/s – an increase of 27% compared to previous generation drives[3]. The 512n models provide an increase of 19%, with sustained transfer rates reaching 228 MiB/s.

Customers also can select a Sanitize Device Feature set function, which makes it possible to quickly invalidate data recorded on the magnetic disks.

The long sector models provide persistent write cache technologies that help protect against data-loss in the event of sudden power loss.

Provided by Toshiba

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