



Toshiba Introduces New 10,500rpm Enterprise Performance HDD Model Generation

Toshiba AL15SE Series delivers mission critical low-latency performance and data integrity in capacities up to 2,400GB.

Düsseldorf, Germany, 19 December 2017 - Toshiba Electronics Europe GmbH announces the AL15SE Series HDD, its next generation of 10,500rpm enterprise performance hard disk drives for mission-critical servers and storage. The new drive series boasts a 2,400GB^[1] capacity model – a 33 percent capacity increase over Toshiba’s AL14SE generation and Toshiba’s largest capacity ever for a 10,500rpm HDD.

Built to deliver superior low-latency performance, the AL15SE Series supports 12Gbit/s^[2] SAS dual-port interface to optimize the host transfer rate. All models utilize a space-efficient, power-saving 2.5 inch^[3], 15mm form-factor. Advanced format models support 4K native and 512e emulated sector technologies, increase areal density in capacities from 600GB to 2,400GB and feature a 15 percent increase in sustained transfer rate over the prior AL14SE generation. New 512n sector technology models increase areal density in capacities ranging from 300GB to 1,200GB.

"The new AL15SE Series HDD provides higher capacity per spindle for optimal use in performance-oriented traditional IT applications and in mission-critical hybrid storage platforms. Also IT operations running read-intensive applications may benefit from lower-latency." says Noriaki Katakura, General Manager HDD Business Unit, Toshiba Electronics Europe GmbH.

The AL15SE Series features optional Sanitize Instant Erase (SIE)^[4] models and leverages Toshiba's persistent write cache technology for robust data integrity in sudden power-loss scenarios. The models are designed for tier one mission-critical servers and storage systems, including hybrid storage platforms which may benefit from both low-latency and storage capacity up to 2,400GB.

Sample shipments of the AL15SE drives are available now.

For more information on Toshiba's line of storage products, please visit: <http://toshiba.semicon-storage.com/eu/product/storage-products.html>.

Notes:

[1] Definition of capacity: A gigabyte (GB) as 1,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2³⁰ bytes = 1,073,741,824 bytes and therefore shows less storage capacity. Available storage capacity (including examples of various media files) will vary based on file size, formatting, settings, software and operating system and/or pre-installed software applications, or media content. Actual formatted capacity may vary.

[2] Read and write speed may vary depending on the host device, read and write conditions, and file size.

[3] Form Factor: "2.5-inch" means the form factor of HDDs. They do not indicate drive's physical size.

[4] Sanitize Instant Erase (SIE) is a function to invalidate the data recorded on the magnetic disks at a blink.

* Information in this document, including product prices and specifications, content of services and contact information, is current and believed to be accurate on the date of the announcement but is subject to change without prior notice.

* Company names, product names, and service names mentioned herein may be trademarks of their respective companies.

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About Toshiba Electronics Europe

[Toshiba Electronics Europe GmbH](#) (TEE) is the European electronic components business of [Toshiba Electronic Devices and Storage Corporation](#). TEE offers European consumers and businesses a wide variety of innovative hard disk drive (HDD) products plus semiconductor solutions for automotive, industrial, IoT, motion control, telecoms, networking, consumer and white goods applications. The company's broad portfolio encompasses integrated wireless ICs, power semiconductors, microcontrollers, optical semiconductors, ASICs, ASSPs and discrete devices ranging from diodes to logic ICs.

Formed in 1973 in Neuss, Germany, TEE has headquarters in Düsseldorf, Germany, with branch offices in Germany, France, Italy, Spain, Sweden and the United Kingdom providing design, manufacturing, marketing and sales. Company president is Mr. Akira Morinaga.

For more company information visit TEE's web site at www.toshiba.semicon-storage.com.

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