



Toshiba Announces New 2TB Hard Disk Drive for Client Storage Applications

The new MQ04 HDD Series 2TB model delivers more capacity for notebook PCs, game systems and other client storage applications

Düsseldorf, Germany, 27 February 2018 - Toshiba Electronics Europe GmbH announces the launch of its new MQ04 Series 2TB^[1] HDD model MQ04ABD200, designed for use in notebook PCs, all-in-one and slim-line desktop systems, and other applications requiring high capacity storage and 2.5-inch^[2] mobile-class durability.

The MQ04ABD200 dual-disk model delivers 2TB of storage capacity in a compact 2.5-inch, 9.5mm height form factor. The drive's 6Gbit/s^[3] SATA interface and 5,400rpm performance, combined with a large 128MiB^[4] buffer, result in a 34 percent increase in maximum transfer rates and a 50 percent improvement in power efficiency^[5] compared to Toshiba's previous 1TB mobile-class model generation, MQ01ABD100.

"The value, performance and space efficiency of the new MQ04 2TB capacity model has greatly improved while utilizing our field-proven two disk design," said Takahiro Kasahara, Senior Manager HDD Business Unit, Toshiba Electronics Europe GmbH. "Achieving 2TB capacity in the industry-standard 2.5-inch form-factor with just 9.5mm height is a big advance."

General availability of the MQ04 2TB model shipment will start today.

For more information on our full line of HDD storage products, please visit:

<https://toshiba.semicon-storage.com/eu/product/storage-products.html>.

Notes:

[1] Definition of capacity: A terabyte (TB) is 1,000,000,000,000 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1TB = 2^{40} = 1,099,511,627,776 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] Form Factor: "2.5-inch" means the form factor of HDDs. They do not indicate drive's physical size.

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

[4] A mebibyte (MiB) means 2^{20} , or 1,048,576 bytes.

[5] Power efficiency is calculated based on low power idle power consumption divided by formatted capacity.

* 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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