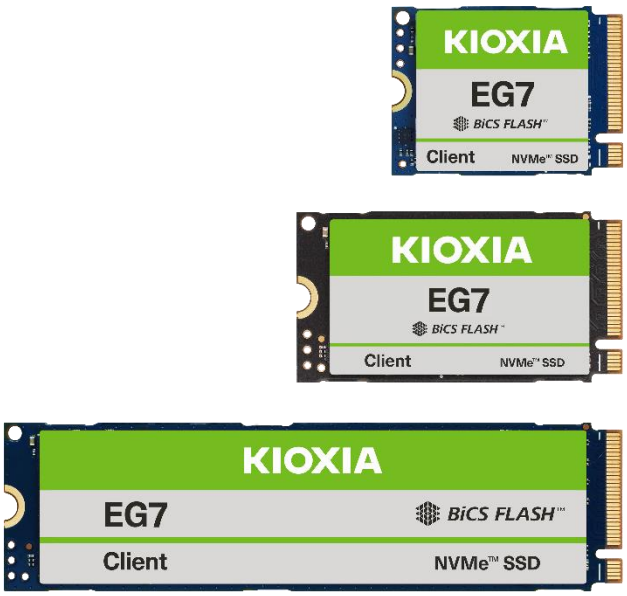
KIOXIA

Press Release

KIOXIA Unveils Value-Oriented QLC-based EG7 Series SSDs for PC OEMs

New Client SSD Lineup Provides Affordable Solution for PC Applications



Germany, Düsseldorf, 21 April 2026 – KIOXIA Europe GmbH today announced KIOXIA EG7 Series solid state drives (SSDs), the first client solution to adopt KIOXIA's BiCS FLASH™ generation 8 4-bit-per-cell, quadruple-level cell (QLC) technology. The QLC-based KIOXIA EG7 Series delivers equivalent performance as TLC-based solutions[1], enabling better total cost of ownership (TCO) for value-oriented slim laptops, as well as commercial and consumer notebooks and desktops.

KIOXIA EG7 Series SSDs bring the performance and power efficiency advantages of KIOXIA BiCS FLASH™ generation 8 QLC 3D flash memory to common computing workloads for PC OEMs. The new drives deliver random read and write performance of up to 1,000 KIOPS, sequential read speed of up to 7,000 MB/s, and sequential write speed of up to 6,200 MB/s.

The KIOXIA EG7 Series incorporates NVMe 2.0d support, giving PC OEMs greater flexibility in system design and device management. The drives are offered in M.2 Type 2230, Type 2242, and Type 2280 form factors, enabling broader compatibility across diverse system configurations and space constraints.

Positioned within KIOXIA's value-oriented client SSD portfolio, the DRAM-less KIOXIA EG7 Series leverages mature Host Memory Buffer (HMB) technology, utilizing a portion of system memory to help improve TCO and power consumption while maintaining responsive performance.

"Modern client storage must balance performance, efficiency and cost to meet the evolving needs of everyday business computing. With the KIOXIA EG7 Series, we deliver great design flexibility and device management supported through NVMe 2.0d, while also leveraging our BiCS FLASH™ generation 8 QLC for improved power efficiency and reducing total cost of ownership", explains Axel Stoermann, VP & Chief Technology Officer at KIOXIA Europe GmbH.

Additional features include:

- PCIe 4.0 specification compliant
- Self-Encrypting Drive (SED) support based on TCG Opal version 2.02
- Capacities of 512 GB, 1024 GB, and 2048 GB

The KIOXIA EG7 Series is currently sampling to select PC OEM customers, with PC shipments equipped with the SSD expected to begin from the second quarter of 2026 onwards.

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Notes:

1: Compared to KIOXIA BG7 Series SSDs

Definition of SSD capacity: KIOXIA Corporation defines a kilobyte (KB) as 1,000 bytes, a megabyte (MB) as 1,000,000 bytes, a gigabyte (GB) as 1,000,000,000 bytes, a terabyte (TB) as 1,000,000,000,000 bytes, and a kibibyte (KiB) is 1,024 bytes. A computer operating system, however, reports storage capacity using powers of 2 for the definition of 1GB = 2^30 bytes = 1,073,741,824 bytes and 1TB = 2^40 bytes = 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.

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

IOPS: Input Output Per Second (or the number of I/O operations per second)

Availability of the SED model lineup may vary by region.

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

About KIOXIA Europe GmbH

KIOXIA Europe GmbH is the European-based subsidiary of KIOXIA Corporation, a leading worldwide supplier of flash memory and solid-state drives (SSDs). From the invention of NAND flash memory to today's renowned BiCS FLASH™ 3D flash memory KIOXIA continues to pioneer innovative memory solutions and services that enrich people's lives and expand society's horizons. The company's innovative BiCS FLASH™ 3D flash memory technology is shaping the future of storage in high-density applications, including advanced smartphones, PCs, automotive systems, data centers and generative AI systems.

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Contact details for publication:
KIOXIA Europe GmbH, Hansaallee 183, 40549 Düsseldorf, Germany
Tel: +49 (0)211 368 77-0
E-mail:KIE-support@eu.kioxia.com

Contact details for editorial enquiries:

Lena Hoffmann, KIOXIA Europe GmbH
Tel: +49 (0) 211 36877 382
E-mail: lena.hoffmann@eu.kioxia.com

Issued by:

Birgit Schöniger, Pretzl GmbH
Tel: +49 (0)172 617 8431
E-mail: birgit.schoeniger@pretzl.com
Web: www.pretzl.com