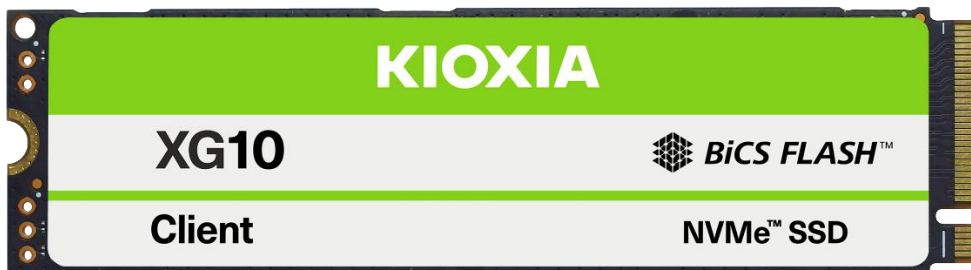


Press Release

KIOXIA Unveils High Performance KIOXIA XG10 Series SSDs for PC OEMs

New high-end client SSDs feature PCIe 5.0 speed for performance-oriented applications



Germany, Düsseldorf, 14 May 2026 – [KIOXIA Europe GmbH](#) today announced the KIOXIA XG10 Series solid state drives (SSDs), its latest high-performance client storage solution engineered for PC OEMs. Targeting the performance segment, the new KIOXIA XG10 Series leverages PCIe 5.0 technology to significantly elevate speed and responsiveness across data-intensive client applications.

Designed as the successor to the KIOXIA XG8 Series, the KIOXIA XG10 Series adopts PCIe 5.0 interface, enabling improvements in both sequential and random performance. Compared to the previous generation⁽¹⁾, the new drives achieve up to 2x sequential read, more than 2x sequential write, and increases of approximately 122 % in random read and 158 % in random write performance - supporting faster data access and improved system responsiveness.



The KIOXIA XG10 Series is engineered to meet the needs of high-performance client system environments. These include professional applications, private AI training and inference, content creation and editing workflows, and immersive gaming experiences. With sequential read speeds of up to 14.000 MB/s and sequential write speeds reaching up to 12.000 MB/s, along with random read performance of up to 2.000 KIOPS and random write performance up to 1.600 KIOPS, the KIOXIA XG10 Series enables high-throughput performance for modern computing demands.

“AI, content creation and high-end gaming workloads are driving the need for higher client storage performance,” says Juergen Ahaus, General Manager SSD Marketing & Engineering at KIOXIA Europe GmbH. “As the successor to our KIOXIA XG8 Series, the KIOXIA XG10 Series leverages PCIe 5.0 to deliver a leap in performance and responsiveness, enabling PC OEMs to design next-generation systems for today’s most data-intensive applications.”

Additional features include:

- PCIe 5.0 (Gen5 x4) and NVMe 2.0d compliant
- Self-Encrypting Drive (SED) support based on TCG Opal version 2.02
- Recommended for high-performance PC systems including AI PCs, workstations and gaming platforms
- M.2 Type 2280 form factor
- Capacities of 512 GB, 1.024 GB, 2.048 GB, and 4.096 GB⁽²⁾

The KIOXIA XG10 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.

**Notes:**

1: Compared to KIOXIA XG8 Series SSDs

2: KIOXIA XG10 Series 512 GB, 1.024 GB models utilise BiCS FLASH™ generation 6 TLC-based flash memory, 2.048 GB, 4.096 GB models utilise BiCS FLASH™ generation 8 TLC-based flash memory.

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Definition of SSD capacity: KIOXIA 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 centres and generative AI systems.

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