

Press Release

KIOXIA to Showcase CXL Compatible Memory Expansion Module KIOXIA XL1 for AI Workloads



Germany, Düsseldorf, 4 August 2026 – [KIOXIA Europe GmbH](#), a world leader in memory solutions, today announced that KIOXIA America Ltd. will exhibit the KIOXIA XL1 series, a Compute Express Link (CXL) compatible memory expansion module, at the KIOXIA booth at [FMS: the Future of Memory and Storage](#), taking place from 4 to 6 August in Santa Clara, California.

The product features KIOXIA XL-FLASH™, a low-latency and high-performance flash memory technology that enables flash memory, traditionally used for storage applications, to also be utilized as a memory expansion solution. In addition, it is being designed and developed to support the growing volume of memory-intensive AI applications. Evaluation samples are scheduled to be shipped to industry ecosystem collaborators in August 2026.



In recent years, the growing number of AI workloads has significantly increased memory demand in data centers, creating serious challenges such as capacity shortages and rising costs. In response to this important market need, KIOXIA is targeting an innovative memory expansion solution for hyperscale environments. The KIOXIA XL1 series memory expansion module combines low-latency, high-performance XL-FLASH™ with a CXL interface and improves DRAM utilization efficiency by placing less frequently accessed data on the module.

It bridges the performance and cost gap between conventional DRAM and SSDs, enabling memory expansion for demanding AI applications.

“As AI models and infrastructures continue to grow in complexity and scale, efficient memory utilisation will be essential to meet the demands of increasingly data-intensive AI applications,” said Axel Störmann, Vice President & Chief Technology Officer at KIOXIA Europe GmbH. “The KIOXIA XL1 memory expansion module is designed to address this challenge by combining the low latency of XL-FLASH with a CXL interface to extend the memory hierarchy, improving DRAM utilisation and enabling more efficient AI, HPC and cloud computing infrastructures.”

The sample drives are for evaluation purposes only. Some functions may not have been fully tested, and specifications are subject to change.

###

Notes:

The following trademarks, service and/or company names – Compute Express Link, CXL, Compute Express Link Consortium, Inc.— are not applied, registered, created and/or owned by KIOXIA Europe GmbH or by affiliated KIOXIA group companies. However, they may be applied, registered, created and/or owned by third parties in various jurisdictions and therefore protected against unauthorised use.

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.

Visit our [KIOXIA website](https://www.kioxia.com/eu)

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