KIOXIA

Press Release

KIOXIA Flash Memory and SSD Solutions Empower AI Applications at NVIDIA GTC 2025

Germany, Düsseldorf, 19 March 2025 – This week at NVIDIA GTC 2025, KIOXIA America, Inc. will highlight the critical role of high-performance storage in AI solutions – including its ability to scale these applications up and out. Visitors to the KIOXIA booth will discover, as organisations develop their AI strategies, how flash memory can maximise performance and efficiency, helping to make the most of AI investments.

"KIOXIA invented flash memory, a technology that has become increasingly important to modern AI systems," noted Neville Ichhaporia, senior vice president and general manager of the SSD business unit at KIOXIA America, Inc. "As AI advances at an unprecedented pace, its storage demands grow ever more complex. At KIOXIA, we are driving innovation to meet the future needs of storage, purpose-built for AI infrastructures. We're excited to sponsor and participate in NVIDIA GTC 2025, where the industry comes together to explore how AI and accelerated computing are shaping the world."

Product and technology demonstrations will be given in the KIOXIA booth #1811 on the show floor of the San Jose McEnery Convention Center from 17-21 March and include:

- **Broad lineup of KIOXIA SSDs –** Including the recently announced KIOXIA LC9 Series 122.88 terabyte (TB) capacity NVMe SSD in a 2.5-inch form factor - KIOXIA's first enterprise QLC SSD using industry-leading BiCS FLASH™ 3D flash memory 8th generation technology 2 terabits (Tb) QLC die.
- **Live demo of new KIOXIA All-in-Storage ANNS with Product Quantization (KIOXIA AiSAQ™) technology –** Featuring KIOXIA CD8P Series PCIe 5.0 NVMe Data Center SSDs.
- **Live demo of High Capacity QLC Storage for fast retrieval of large datasets** – Featuring KIOXIA LC9 Series Enterprise NVMe SSDs.

Additionally, Rory Bolt, senior fellow and principal architect for KIOXIA America, Inc. will be participating in an Expo Hall Theater Session. Taking place on Friday, 21 March at 12:20 pm PT, this session is titled, “Improve Vector DB Performance While Reducing DRAM Use in AI Systems.”

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Notes

*2.5-inch indicates the form factor of the SSD and not its physical size.

*Definition of capacity: KIOXIA Corporation defines a gigabyte (GB) as 1,000,000,000 bytes and a terabyte (TB) as 1,000,000,000,000 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.

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About KIOXIA
KIOXIA is a world leader in memory solutions, dedicated to the development, production and sale of flash memory and solid-state drives (SSDs). In April 2017, its predecessor Toshiba Memory was spun off from Toshiba Corporation, the company that invented NAND flash memory in 1987. KIOXIA is committed to uplifting the world with “memory” by offering products, services and systems that create choice for customers and memory-based value for society. KIOXIA's innovative 3D flash memory technology, BiCS FLASH™, is shaping the future of storage in high-density applications, including advanced smartphones, PCs, automotive systems, data centers and generative AI systems.

Visit our KIOXIA website

Contact details for publication:
KIOXIA Europe GmbH, Hansaallee 181, 40549 Düsseldorf, Germany

Tel: +49 (0)211 368 77-0
E-mail: KIE-support@kioxia.com

Contact details for editorial enquiries:
Lena Hoffmann, KIOXIA Europe GmbH
Tel: +49 (0) 211 36877 382
E-mail: lena1.hoffmann@kioxia.com

Issued by:
Birgit Schöniger, Publitek
Tel: +49 (0)172 617 8431
E-mail: birgit.schoeniger@publitek.com
Web: www.publitek.com

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