

## Press Release

### **KIOXIA SSDs Achieve Compatibility with Microchip's Adaptec SmartRAID 4300 Series RAID Storage Accelerator**

*PCIe/NVMe SSDs tested for compatibility and interoperability in the 2.5-inch form factor*

**Germany, Düsseldorf, 18 December 2025** – [KIOXIA Europe GmbH](#), announced that its 2.5-inch KIOXIA CM7 Series Enterprise PCIe 5.0 NVMe 2.0, and KIOXIA CD8P Series Data Center PCIe 5.0 NVMe 2.0 and KIOXIA CD8 Series PCIe 4.0 NVMe 1.4 SSDs have been successfully tested for compatibility and interoperability with the Adaptec SmartRAID 4300 Series RAID storage accelerator card from Microchip Technology Inc.

The Adaptec SmartRAID 4300 accelerator supports up to 32 NVMe SSDs, with each drive directly connected to the CPU through its own dedicated channel. This design eliminates the PCIe bottleneck typically associated with a traditional single x16 host interface, enabling each SSD to operate at peak performance. This innovative architecture delivers exceptional throughput and IOPS, making it an ideal solution for data-intensive enterprise applications.

“As a leader in enterprise and data center SSDs, we remain dedicated to advancing the industry with innovative SSD solutions that drive the next generation of applications and services,” said Paul Rowan, Vice President and Chief Marketing Officer, KIOXIA Europe GmbH. “The success of next-generation data center infrastructures relies on ecosystem collaboration and interoperability to ensure seamless integration of current and future technologies.”

“Our innovative solution offers PCIe 4.0/5.0 NVMe performance and enterprise security in a scalable, hardware-accelerated RAID architecture for next-generation enterprise and AI data centers,” said Brian McCarson, corporate vice president of Microchip’s data center solutions business unit. “Collaboration with leading SSD manufacturers like KIOXIA highlights our commitment to delivering high-performance, adaptable solutions that are easily deployed into advanced data centers.”

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**Notes:**

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**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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