Silicon Motion Showcases Next-Generation Storage Architectures for AI Platforms and Infrastructure at COMPUTEX 2026

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Enabling Next-Generation AI Workloads with High-Performance, Power-Efficient Storage Solutions Across Five Major Product Lines

TAIPEI, Taiwan--(BUSINESS WIRE)--May 27, 2026-- Silicon Motion Technology Corporation (NasdaqGS: SIMO) (“Silicon Motion”), a global leader in designing and marketing NAND flash controllers for solid-state storage devices, today announced that it will showcase its latest optimized storage innovations for Edge AI, Physical AI, and AI Factory applications at COMPUTEX 2026. As AI architectures rapidly evolve from cloud training to edge inference and autonomous physical AI systems, storage is emerging as a foundational technology for AI data movement, low-latency access, model responsiveness, and sustained workload performance across the entire AI computing stack.

At COMPUTEX 2026, Silicon Motion will showcase five major product lines designed to address the evolving storage demands of next-generation AI applications across edge, embedded, enterprise, and automotive platforms.

- Edge SSD Controllers for AI PCs and Edge AI Applications

Silicon Motion will demonstrate its latest Edge SSD controller solutions, including the newly announced SM2524XT PCIe Gen5 DRAMless SSD controller optimized for AI inference and KV Cache workloads, the SM2504XT DRAMless SSD controller, and the flagship SM2508 PCIe Gen5 SSD controller designed for high-performance edge storage applications.

- Embedded UFS & eMMC Controllers for Edge AI and Mobile Devices

In the embedded storage segment, Silicon Motion will showcase its latest Embedded UFS and eMMC controller solutions for mobile and edge AI devices, including the new SM2755 UFS 4.1 controller and SM2738 eMMC 5.1 controller. These solutions are designed to deliver high bandwidth, low latency, and improved power efficiency for always-on AI applications and next-generation intelligent edge devices.

- Enterprise SSD Controllers for AI Factory Applications

For AI infrastructure and enterprise storage environments, Silicon Motion will demonstrate its Enterprise SSD controller portfolio, featuring the PCIe Gen6 SM8466 enterprise SSD controller, PCIe Gen5 SM8366 enterprise SSD controller, and the SM8388 controller designed for high-capacity Nearline SSD applications. These solutions are engineered to address the increasing performance, endurance, and scalability requirements of modern AI data centers and AI Factory infrastructure.

- Enterprise Boot Drive Solutions for AI Factory Applications

Silicon Motion will also showcase its Enterprise PCIe NVMe Boot SSD Solutions and Boot Drive controllers designed for next-generation AI infrastructure platforms. Already adopted by leading AI infrastructure providers, these solutions are optimized for enterprise servers, DPUs, networking systems, and AI storage nodes, delivering reliable low-latency boot storage with enhanced durability, data integrity, and enterprise-grade security for continuous AI infrastructure operation.

- Ferri Solutions for Automotive Physical AI Application

In addition, the company will showcase its Ferri storage solutions for automotive applications, highlighting high-reliability embedded storage technologies designed for intelligent vehicles, autonomous systems, and mission-critical edge computing environments. The Ferri product family complies with key automotive industry standards and certifications, including AEC-Q100 Grade 2/3, ISO 26262, ISO 21434, and ASPICE, delivering enhanced reliability, functional safety, cybersecurity, and long-term operational stability for next-generation automotive AI platforms.

As AI workloads continue to reshape computing architectures across edge and cloud environments, Silicon Motion remains committed to advancing storage technologies that deliver the performance, power efficiency, reliability, and scalability required for the next generation of AI platforms.

Visitors are invited to experience Silicon Motion’s latest AI storage innovations and live technology demonstrations at COMPUTEX 2026. For more information, please visit https://www.siliconmotion.com/events/2026Computex/

About Silicon Motion:

Silicon Motion Technology Corporation (NasdaqGS: SIMO) is the global leader in supplying NAND flash controllers for solid-state storage devices. The company ships more SSD controllers than any other supplier worldwide for servers, PCs, and other edge devices, and is also the leading merchant provider of eMMC and UFS embedded storage controllers used in smartphones, IoT products, and automotive applications.

Silicon Motion delivers customized, high-performance controller solutions for Enterprise SSDs, Edge SSDs, Embedded UFS & eMMC controllers, as well as Enterprise Boot Drives and Ferri solutions for automotive. Its controllers and storage solutions are designed to power the world’s most advanced AI Infrastructure, Edge AI, and Physical AI, combining high performance, low power, and proven reliability.

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