

Press Release

Socionext to Showcase Next-Generation Automotive Storage and Connectivity Platform at Embedded World 2026

Embedded World 2026 | Nuremberg | March 10–12 | Booth 4A-628

Langen/Germany, Yokohama/Japan, March 2, 2026 --- Socionext, a leading innovator in the semiconductor industry, is redefining what's possible in custom silicon, delivering application-optimized solutions that meet the rising demands of intelligent, high-bandwidth, and energy-efficient systems. At Embedded World 2026, the company will showcase its latest generation of architectures designed for the next wave of AI, automotive, data center, and edge compute. A key part of this presentation highlights the pivotal role of advanced PCIe® connectivity in enabling the centralized compute platforms that are shaping the future of automotive electronics.

Socionext will showcase a live demonstrator of its automotive high-performance compute (HPC) platform, integrating two automotive-qualified technologies: The SANDISK® AT EN610 NVMe™ SSD and Socionext's SC1900 PCIe® Gen4 switch. This platform highlights how combining high-performance storage with advanced PCIe® switching provides a flexible, scalable foundation for next-generation ADAS, high-performance compute (HPC), and in vehicle infotainment (IVI) architectures built around centralized storage.

“Our goal at Socionext is to deliver silicon solutions that anticipate our customers’ next challenges,” says Stephan Ahles, Marketing Manager at Socionext Europe. “Working with Sandisk allows us to combine advanced PCIe® switching with high-performance SSD technology - a powerful pairing for next-generation ADAS and IVI systems delivering the performance, reliability, and long-term upgradeability required for the new era of autonomous mobility.”

The integration of Sandisk and Socionext products delivers a platform that enables customers to rapidly develop modern HPC architectures featuring multiple interconnected automotive SoCs. Centered around a PCIe® switch and shared NVMe™ storage, the platform provides flexible, low-latency, high-bandwidth communication ideally suited for demanding automotive workloads such as AI inferencing and camera data processing. Advanced features include multicast - for parallel distribution of sensor data to multiple compute SoCs - and virtualized access to shared SSD storage via SR-IOV, enabling efficient resource sharing and robust system scalability.

The Socionext SC1900 PCIe® switch contributes multi-root support, SR-IOV, multicast, robust access control, and flexible partitioning, delivering secure and optimized connectivity for diverse compute domains. Complementing this, SANDISK® AT EN610 NVMe™ SSD provides high performance tailored for automotive deployments, including multiple namespaces and configurable TLC/SLC modes to meet varying endurance and performance demands.

About Socionext Europe GmbH

Socionext Europe (SNEU) is an integral part of Socionext Inc.'s global structure, headquartered in Frankfurt, Germany, with a key facility in Munich. Central to our operations, the Munich Design and Support Center excels in developing advanced graphics IP, alongside innovative hardware and software solutions tailored for the automotive industry. Our expertise also spans sectors such as networking, data centers, IoT, Radar Sensing, and Industrial Automation. SNEU is committed to delivering comprehensive SoC solutions, catering to the latest market needs from concept through to completion. For more details, assistance, or to connect with our team, please visit our [Website](#), email info@eu.socionext.com, or follow us on [Facebook](#), [LinkedIn](#), [X](#) and [YouTube](#).

Press Inquiry:
BlueBadger Ltd
Annie Shinn
+44 (0)1959 580308
annie@bluebadgermarketing.com

Socionext Europe GmbH
Christine Polierer
+49 1514 144 9228
christine.polierer@eu.socionext.com

About Socionext Inc.

Socionext Inc., a leading global System-on-Chip (SoC) supplier, is a pioneer of the 'Solution SoC' business model. This innovative approach encompasses Socionext's 'Entire Design' capabilities and offering of 'Complete Service'. As a trusted silicon partner, Socionext fuels global innovation, providing superior features, performance, and quality that set its customers' products and services apart in diverse domains ranging from automotive and data centers to networking, smart devices, and industrial equipment.

Socionext Inc., based in Yokohama, operates offices across Japan, Asia, the United States, and Europe for development and sales. For more information, visit <https://www.socionext.com/en/>.

All company or product names mentioned herein are trademarks or registered trademarks of their respective owners. Information provided in this press release is accurate at time of publication and is subject to change without advance notice.