



Samtec to Showcase Interconnects and Speak at AI Hardware & Edge AI Summit

Samtec products on display in Booth# 41 support 224 Gb/s as well as AI applications

September 7, 2024 [New Albany, IN]-- Samtec, Inc., the service leader in the connector industry, will be demonstrating next-generation, high-performance interconnect solutions at the upcoming AI Hardware and Edge AI Summit in San Jose, CA September 9-12, 2024. The mission of the summit is to train, deploy, and scale machine learning systems that are fast, affordable, and efficient.

In support of the AI Hardware and Edge AI Summit's training mission, Samtec's Global Technical Marketing Director, Matthew Burns, will present "Optimized Data Routing via Copper/Optical Interconnects in Scalable AI Hardware Architectures" on Tuesday September 10 at 3:40 PM. Mr. Burns will outline the challenges facing designers of next-generation AI architectures, and how to select interconnects to optimize performance, improve efficiency, and speed time to market.



In Booth #41, Samtec will showcase cable and connector products that support AI and ML applications, such as CXL[®] and PCIe[®] over optics using the [Samtec FireFly™ optical transceiver](#). Also in Booth #41, Samtec will demonstrate an application with its IP partners enabling PCIe 7.0 transmissions over Samtec [NovaRay[®] I/O 112 Gbps PAM4 panel mount cable system](#). Delivering a high-density cable-to-cable bulkhead panel connection, the rugged NovaRay I/O cable system features industry-leading aggregate data rates.

Samtec offers a range of connector and cable options ideal for supporting next-generation AI/ML applications such as accelerators for vision systems and array servers; systems and computers on modules; computing platform chipsets; and ultra-low latency products. For the designer, Samtec offers full-system optimization support with industry-leading signal-integrity design expertise; characterization and development boards; and online design and development tools.

For more information:

- Visit [Samtec's AI/ML applications page](#)
- Download the [Samtec AI Solutions Guide](#)
- See the [Samtec 224 Gbps PAM4 Product Line](#) and Enabling Technologies
- Access the [Samtec Media Room](#)

About Samtec

Founded in 1976, Samtec is a privately held global manufacturer of a broad line of electronic interconnect solutions, including High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Precision RF, Flexible Stacking, and Micro/Rugged components and cables. Samtec Technology Centers develop and advance technologies, strategies, and products to optimize both the performance and cost of a system from the bare die to an interface 100 meters away, and all interconnect points in between. Visit www.samtec.com for more information.