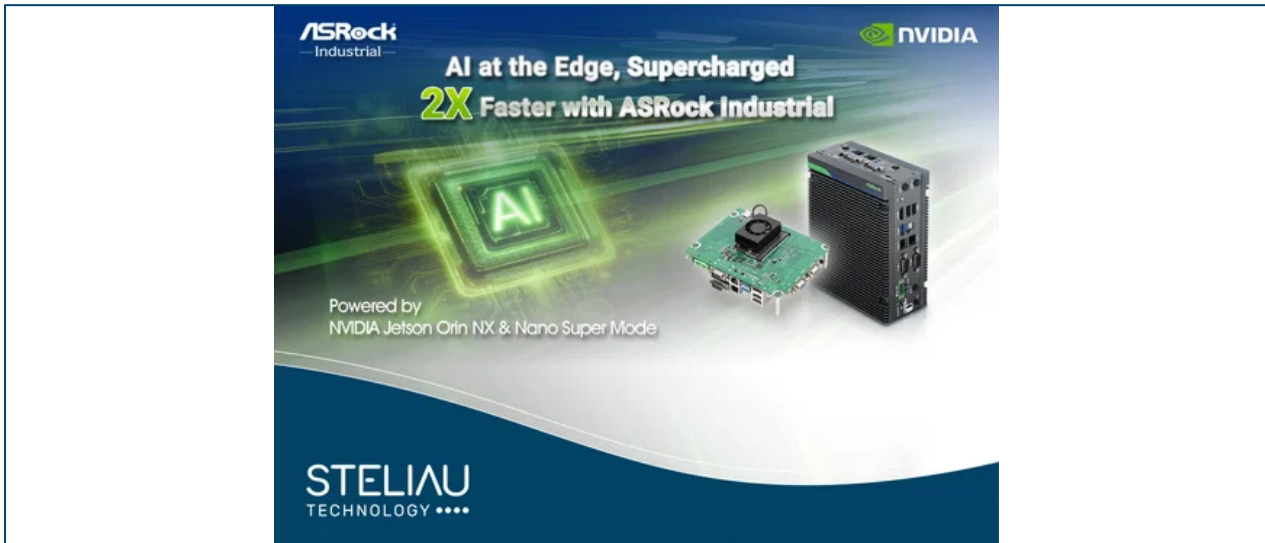


ASROCK INDUSTRIAL IEP-6010E SERIES



ASRock Industrial revolutionizes edge computing with Super Mode on the **iEP-6010E series**, powered by NVIDIA® Jetson Orin™ modules and optimized with JetPack™ 6.2 SDK. This innovation doubles generative AI performance, delivering ultra-fast inference, real-time decision making and superior energy efficiency. Ideal for industrial automation, robotics, autonomous vehicles and more, this technology redefines the boundaries of artificial intelligence, driving faster, smarter and more efficient solutions.

A Quantum Leap in Edge AI Performance

The iEP-6010E Series and iEP-6010E Series Dev Kit, now optimized with Super Mode, provides:

- **Up to 2X Faster Gen AI Processing** – Up to 157 TOPS (Sparse) on Orin NX 16GB (Super) and 67 TOPS (Sparse) on Orin Nano 8GB (Super), delivering blazing-fast generative AI performance for automation, robotics, and real-time vision systems.
- **Optimized Power Boost and Efficiency** – Supports power modes up to 40W /MAXN Super on Orin NX and 25W/MAXN Super on Orin Nano, while maintaining high-performance AI workloads in power-sensitive environments, making it ideal for industrial automation and smart city infrastructure.
- **NVIDIA JetPack™ 6.2 Support** – Fully compatible with the latest NVIDIA JetPack 6.2 SDK, offering enhanced libraries, frameworks, and tools to accelerate advanced AI development.

Why Choose ASRock Industrial iEP-6010E Series and iEP-6010E Series Dev Kit?

- **Significant leap in gen AI performance** with NVIDIA Jetson Orin NX SOM supporting up to 157 TOPS (Sparse) and NVIDIA Jetson Orin Nano SOM supporting up to 67 TOPS (Sparse).
- **Leverage Super Mode with NVIDIA JetPack™ 6.2**, unlocking up to 2X faster AI performance*, ensuring real-time intelligence, faster decision-making, and next-level automation at the edge.

- **Flexible I/Os and expansions for edge AI applications**, optimized for high-speed machine vision, predictive maintenance, and intelligent automation.
- **Designed for reliable industrial deployments**, engineered for harsh environments, featuring a rugged durable design with long-term stability, and optimized AI computing, ensuring consistent performance even in power sensitive and mission critical applications.
- **Supports a wide range of AI models**, frameworks, and power modes, making it ideal for AI expansion across industries.



For full product
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ASRock Industrial

ASRock Industrial Computer was established as an independent company in July 2018, focusing on the fields of motherboards, edge computers, and other products for the manufacturing, business, and retail industries.

