Premio Adds NVIDIA JetPack 7.2 Support to JCO Series Rugged Edge AI Computers

Premio showcases agentic and vision-language AI enabled by JetPack 7.2 on rugged NVIDIA Jetson Orin platforms at embedded world North America 2026



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LOS ANGELES, CA, UNITED STATES, September 22, 2026 / EINPresswire.com/ -- Premio Inc., a global provider of rugged edge and embedded computing solutions, today announced support for NVIDIA JetPack 7.2 SDK across its JCO Series of Rugged Edge AI Computers powered by NVIDIA Jetson Orin. The update gives robotics developers new tools to accelerate physical AI development, optimize edge resources and deploy increasingly capable AI workloads on rugged, fanless computing platforms.

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> *Duston Seetoo, VP of Product Marketing at Premio*

Premio is showcasing the update through live edge AI demonstrations at embedded world North America 2026, Booth #6100, Sept. 22-24 at the Anaheim Convention Center in Anaheim, California. The demonstrations highlight two emerging directions in physical AI: agentic AI using NVIDIA NemoClaw and live vision-language AI using NVIDIA Jetson AGX Orin 32GB Super Mode.

"NVIDIA JetPack 7.2 gives robotics developers a modern software foundation for physical AI, while Premio's JCO Series provides the rugged platform to deploy it," said Dustin Seetoo, VP of Product Marketing at Premio. "Our demonstrations show both sides of that equation — agentic AI on a compact Jetson Orin NX platform and live vision-language AI on Jetson AGX Orin — running directly at the edge where robots, cameras and machines generate their data."

Premio's JCO Series includes the entry-level JCO-1000-ORN Series and midrange JCO-3000-ORN

Series, both powered by NVIDIA Jetson Orin Nano and Orin NX, as well as the high-performance JCO-6000-ORN Series, powered by NVIDIA Jetson AGX Orin. These fanless edge AI computers bring accelerated processing to real-world environments where robots, cameras, sensors and machines need reliable local compute. The scalable portfolio lets developers select the right balance of AI performance, industrial connectivity and ruggedization for autonomous mobile robots, machine vision and industrial automation.

For robotics developers, JetPack 7.2 introduces capabilities designed to reduce manual platform development and optimization work. NVIDIA Jetson Agent Skills provide reusable workflows for Jetson Linux customization, memory optimization and model benchmarking, helping developers streamline system bring-up, use available memory more efficiently and identify suitable models and runtime configurations. Official Yocto Project support also enables leaner, reproducible embedded Linux builds for production deployments. These tools help developers spend less time configuring the platform and more time developing physical AI applications.

Beyond these developer workflow improvements, JetPack 7.2 introduces new capabilities for agentic and multimodal AI that Premio will showcase through two live demonstrations at Booth #6100.

NVIDIA NemoClaw – JCO-1000-ORN Series
• Local Agentic AI: Premio will demonstrate NVIDIA NemoClaw running locally on the JCO-1000-ORN Series, showing how AI agents can process and respond to tasks at the edge while reducing reliance on cloud connectivity.
• Agent Orchestration on Jetson: The demonstration will show how NemoClaw can orchestrate AI agents and models within a controlled runtime environment on NVIDIA Jetson Orin.

Live Vision-Language AI – JCO-6000-ORN Series
• Real-Time Visual Understanding: Premio will demonstrate a vision-language model analyzing continuous camera input on the JCO-6000-ORN Series for real-time scene understanding and reasoning.
• Interactive VLM Inference: Customizable prompts will demonstrate object recognition, spatial reasoning, activity detection, safety monitoring and OCR at the edge.
• Super Mode Performance: Increase NVIDIA Jetson AGX Orin 32GB AI performance from 200 TOPS to 241 TOPS, giving developers additional compute headroom for demanding multimodal and robotics workloads before moving to the higher-memory AGX Orin 64GB configuration.
• Multimodal Physical AI: The demonstration combines vision and language processing to highlight applications in robotics, machine vision and physical AI.

The demonstrations align with embedded world North America 2026's focus on autonomous, agentic and physical AI. On Sept. 22, NVIDIA Vice President of Robotics and Edge AI Deepu Talla will deliver the opening keynote, "The Next Evolution of Embedded: Open Platform for Autonomous, Agentic Systems." Premio's demonstrations at Booth #6100 show how emerging AI

software pairs with rugged NVIDIA Jetson Orin hardware for real-world robotics and physical AI.

Visitors can experience both live demonstrations at Premio's Booth #6100 during the show from Sept. 22-24 at the Anaheim Convention Center in Anaheim, California.

Looking ahead, Premio is expanding its NVIDIA Jetson portfolio with the upcoming WCO-3000-ORN Series, powered by NVIDIA Jetson Orin Nano and Orin NX, and the WCO-6000-THR Series, powered by NVIDIA Jetson AGX Thor. These upcoming IP66 platforms will extend Premio's rugged edge AI portfolio for robotics, vision AI and autonomous systems in demanding outdoor and industrial environments.

Existing customers deploying Premio's JCO Series can obtain the new JetPack 7.2 BSP by contacting us at sales@premioinc.com for BSP support.

About Premio Inc.
Premio is a global solutions provider specializing in computing technology from the edge to the cloud. For over 35 years, we have designed and manufactured highly reliable, world-class computing solutions for enterprises with complex, highly specialized requirements. Our engineering specialty and agile manufacturing push the technical boundaries in Embedded IoT Computers, Rugged Edge AI Computers, HMI Rugged Displays, and High Availability Storage Servers. Premio provides robust product engineering, flexible speed to market, and unlimited manufacturing transparency from strategic locations in the United States and Taiwan.

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