



AVerMedia and Stereolabs Accelerate AI Vision Deployment with NVIDIA JetPack 7.2

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Unified integration delivers faster time to market, broad camera compatibility, and more efficient use of memory across Jetson Orin and Thor modules

TAIPEI, Taiwan & PARIS--(BUSINESS WIRE)--Oct. 7, 2026-- AVerMedia Technologies, Inc. and [Stereolabs](#), an Ouster company, today announced NVIDIA JetPack 7.2 support across all Stereolabs [ZED X GMSL cameras](#) and AVerMedia's NVIDIA Jetson carrier boards, offering robotics and edge AI developers a faster and more efficient path from development to production.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20261007896664/en/>



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The collaboration combines AVerMedia's NVIDIA Jetson carrier-board and Board Support Package (BSP) engineering expertise with Stereolabs' unified ZED X driver

architecture. With this approach, AVerMedia can adapt the hardware-specific device tree and generate drivers for the JetPack and Jetson Linux versions required by customers, reducing the repeated exchanges previously required for each hardware or software update.

This collaboration allows AVerMedia hardware development and Stereolabs software releases to progress in parallel, shortening validation cycles and giving customers greater control over product schedules.

The unified workflow allows Stereolabs to focus on camera firmware, ISP performance, and ZED SDK capabilities, while AVerMedia manages the carrier-board-specific integration and validation required for production deployment.

More AI Capability from Available Jetson Memory

Memory is a critical resource in embedded AI systems, particularly when multiple camera streams, perception models, and robotics applications must run simultaneously on a single Jetson module.

NVIDIA JetPack 7.2 introduces Jetson agent skills that help developers optimize memory usage across the software stack. These agent-driven workflows can tune bootloader carveouts, optimize kernel memory reservations, streamline user-space services, and improve inference memory usage. These optimizations free up critical memory for vision processing and AI workloads, enabling richer applications on smaller memory footprints and lowering total cost of ownership.

Key Customer Benefits:

- **Faster time to market:** Hardware modifications and software releases can be integrated and validated more efficiently.
- **Broad compatibility:** NVIDIA JetPack 7.2 supports all Stereolabs cameras across AVerMedia's NVIDIA Jetson carrier-board portfolio, including Jetson Orin and Jetson Thor platforms.
- **More efficient memory utilization:** Developers can make more memory available for camera processing, AI models, and robotics applications.
- **Greater software control:** Reproducible Debian packages provide traceability of the driver, device tree, installation flow, and kernel code used in production.
- **Simplified lifecycle management:** Drivers can be regenerated for required JetPack and Linux versions, supporting long-term maintenance, compliance, and product updates.

"By anchoring the platform-specific integration work with AVerMedia, where we're doubling down on both companies' hardware expertise, both teams can develop in parallel and respond to customer requirements more quickly," said Ihsane Debbache, VP of Engineering at Stereolabs. "This integration gives developers a more efficient path to deploying Stereolabs ZED vision across AVerMedia Jetson platforms."

NVIDIA JetPack 7.2 also provides official Yocto support, giving developers greater control over reproducible, production-ready software images for Jetson Orin and Jetson Thor platforms.

"Customers need both faster integration and more efficient use of their computing resources," said Alex Liu, Vice President of AVerMedia. "By combining Stereolabs' vision technology and AVerMedia's BSP and hardware engineering expertise, we can help customers reduce integration risk, make better use of available Jetson memory, and deploy more capable AI vision systems faster."

Ongoing support and transition to NVIDIA JetPack 7.2 will be available through [AVerMedia support form](#).

About AVerMedia Technologies, Inc.

AVerMedia Technologies, Inc. is a leading global provider of application-ready Edge AI turnkey solutions, recognized for its expertise in video and audio technologies. AVerMedia offers customized, fully integrated hardware and software solutions designed to accelerate AI deployments across various industries, including smart cities, robotics, and industrial automation. AVerMedia is dedicated to delivering cutting-edge AI inference solutions that enable businesses to scale AI effectively and reliably at the edge.

About Stereolabs

[Stereolabs](#), a wholly owned subsidiary of [Ouster, Inc.](#) (Nasdaq: OUST), is a leader of 3D vision and depth perception for Physical AI. Its ZED camera family and ZED SDK platform provide real-time depth sensing, spatial mapping, and AI-powered object understanding for robotics, industrial automation, and smart spaces.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Ouster intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in Section 27A of the Securities Act of 1933, as amended and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements are based upon current plans, estimates and expectations of management that are subject to various risks and uncertainties that could cause actual results to differ materially from such statements. The inclusion of forward-looking statements should not be regarded as a representation that such plans, estimates and expectations will be achieved. Words such as “anticipate,” “can develop,” “expect,” “intend,” “may,” “will,” “should,” “plan,” “could,” “estimate,” “possible,” “potential,” “pursue,” “likely,” and the negative of these terms and similar expressions are intended to identify forward-looking statements, though not all forward-looking statements use these words or expressions. All statements, other than statements of historical fact, including statements regarding the development, capabilities, performance, demand and adoption of Ouster’s products; product availability and shipping lead timelines; Ouster’s market and competitive positioning; industry and business trends, and uses for Physical AI all constitute forward-looking statements. All forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those that we expected, including, but not limited to, inaccurate forecasts of market growth and customer demand; product quality and liability risks; supply chain constraints; cancellation or postponement of contracts or unsuccessful implementations; risks related to the use of AI tools by us and others, including risks related to product performance, cybersecurity, and data privacy; Ouster’s ability to respond to evolving regulations and standards and other important factors discussed in Ouster’s Annual Report on Form 10-K for the year ended December 31, 2025, and as may be further updated from time to time in Ouster’s Quarterly Reports on Form 10-Q and other filings with the SEC. Readers are urged to consider these factors carefully and in the totality of the circumstances when evaluating these forward-looking statements, and not to place undue reliance on any of them. Any such forward-looking statements represent management’s reasonable estimates and beliefs as of the date of this press release. While Ouster may elect to update such forward-looking statements at some point in the future, it disclaims any obligation to do so, other than as may be required by law, even if subsequent events cause its views to change.

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