



SEALEVEL

Delivering Manufacturing Excellence Since 1986

Rugged Computing and Industrial I/O

World Class. American Made.

Sealevel Systems, Inc., is a U.S.-based designer and manufacturer of rugged industrial computers and I/O solutions for applications where reliability is non-negotiable. From conceptualization through production and lifecycle support, we maintain complete control over quality, performance, and long-term availability.

Built for Applications that Cannot Tolerate Failure



Proven in 14+ Industry Verticals

From command posts to hospitals to railways, we deliver adaptable solutions for the most demanding environments



300+ Standard Computing & I/O Products

A broad portfolio of COM, embedded computing, and industrial I/O—scalable from standard configurations to semi-custom and fully custom solutions



100% U.S.-Based Design & Manufacturing

Complete in-house control from engineering and compliance to production and shipment



Customization at Low Volumes

OEM-level flexibility without high-volume constraints, enabling fully branded solutions



AS9100D & ISO 9001:2015 Certified

Quality systems proven in aerospace, defense, and other high-reliability environments



Long-Term Product Availability

Proactive lifecycle management, component control, and supply chain security support

Engineering, Manufacturing, & Quality | Designed, Built, and Tested Under One Roof

Our vertically integrated model enables faster development cycles, reduced risk, and consistent quality across every build.

Engineering Design

In-house electrical, mechanical, and compliance teams optimize performance, ruggedization, and certification readiness.

Manufacturing Excellence

Surface-mount Technology (SMT) Line, through-hole, box build, and system-level testing scale with your program.

Quality & Traceability

AS9100D-certified processes, 100% inspection coverage, and end-to-end component and serial-number traceability.

Reliability from Start to Finish

From early design validation through final inspection and ongoing support, Sealevel products are engineered to operate reliably in harsh environments, reduce downtime, mitigate risk, and protect long-term program success.

NVIDIA® Powered Edge AI Solutions

Designed, Built, and Supported in the USA

Sealevel Systems, Inc., delivers NVIDIA-based edge computing platforms engineered for mission-critical environments where performance, reliability, and lifecycle control matter. From modular, board-level development to fully custom OEM systems and deployable IP67-rated AI computers, Sealevel is your trusted partner for bringing advanced AI to the edge—without compromise.

One Partner. Multiple Paths to Deployment.



IP67-Rated NVIDIA AI Computer

A deployable, rugged AI system for extreme environments—no custom development required.

- NVIDIA Jetson AGX Orin Industrial
- Fanless, sealed IP67 enclosure with IP68-rated connectors
- Wide operating temperature
- High-bandwidth I/O including Ethernet, USB, serial, CAN, and mPCIe
- Compliant to MIL-STD-810 and various industrial requirements

Best for: Immediate deployment in harsh, mobile, or outdoor environments



Modular & Board-Level Development

Accelerate your AI roadmap with NVIDIA Jetson-based modules and carrier designs tailored to your application.

- Support for NVIDIA Jetson Orin family
- Custom carrier boards and I/O expansion
- SWaP-optimized architectures for space-constrained deployments
- Ideal for rapid prototyping and controlled volume programs

Best for: Teams needing flexibility, fast iteration, or partial in-house integration



Full Custom OEM AI Systems

Purpose-built embedded computers designed around your mission profile, environment, and AI workload.

- System architecture co-developed with in-house engineering team
- Custom mechanical, electrical, and I/O design
- Fanless, rugged, and lightweight designs
- Planned 5–10 year component availability and lifecycle support

Best for: OEM programs that require optimized, long-lifecycle designs that perform in any environment



GPU-accelerated AI inference and analytics



High performance per watt for SWaP-constrained platforms



Robust AI software ecosystem with JetPack™ and CUDA®



Scalable architecture from development to deployment

Sealevel's NVIDIA-based solutions pair U.S. manufacturing and certified quality systems with a partner committed to long-term program success.

From low-volume customization to lifecycle management, Sealevel delivers computing solutions you can depend on today and for years to come.