ValanoIPC Unveils Next-Generation Industrial Computers to Power the Era of Smart Manufacturing

Dongguan, China – September 5, 2025 – ValanoIPC, a leading innovator in industrial-grade computing solutions, today announced the official launch of its enhanced **Industrial Computers** product family, designed to meet the rigorous demands of automation, control systems, and real-time processing applications.

Built with precision-engineered ruggedness and flexibility, ValanoIPC's **Industrial Computers** combine sturdy construction with high-performance capabilities at low power draw—perfect for demanding environments such as factory floors, transportation nodes, energy infrastructure, and robotics. These box-style embedded systems are ideal for seamless installation in control cabinets or equipment enclosures where reliability is paramount.

What sets ValanoIPC's Industrial Computers apart?

- **Fanless and fanned embedded designs** offering high performance with minimal maintenance and noise—built for harsh, dust-prone environments.

- **Expandable configurations** with PCIe and rich I/O options empower customization and scalability to support evolving industrial applications.
- **Rugged housing** that withstands shocks, vibrations, and extreme conditions—ensuring consistent operation in critical sectors like defense, energy, and transportation.
- **Long product life cycles and global supply chain**, delivering consistent availability and dependable performance at competitive pricing.

ValanoIPC's product line spans a wide array of form factors and performance tiers, including the Intel N100 Fanless Mini PC (IC01A-N100), high-power IC12 Arm-based PC with RK3588 for IoT and industrial control, the POE-capable machine-vision-ready IC06-i3-5L, and the expandable IC10-Pro rugged embedded platform, among others.

Applications across industries

These **Industrial Computers** power key operations in:

- **Factory Automation & Process Control**—delivering stable control and data collection in production lines and control cabinets.
- **Robotics & AGVs**—embedded within mobile systems for real-time sensor processing and motion control.
- **Energy & Environmental Monitoring**—operating reliably in outdoor enclosures for pollution, utility, and smart grid applications.
- **Transportation, Medical Devices, Retail Kiosks, & Military**—where rugged performance under extreme conditions is non-negotiable.

About ValanoIPC
ValanoIPC is a China-based manufacturer specializing in high-quality **Industrial Computers**, including embedded, wall-mounted, and rack-mounted solutions. With expertise in durable, cost-effective computing and customized configurations, ValanoIPC serves clients worldwide across industries—from industrial automation to defense.

VALANO TECHNOLOGY

"Valano is a leading supplier of industrial pcs, panel pcs, rugged tablets, network security machines."

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