The Future of Industrial Computing: Why the Fanless Industrial Computer Is Leading the Way?

Guangdong, China, 15th Jan 2026 - ValanoIPC, a leading innovator in industrial computing solutions, today announced the launch of its latest **Fanless Industrial Computer** — the IC06 model powered by the Intel® Celeron® J1900 processor. Designed to meet the ever-growing demands of automation, IoT, and edge computing, this rugged system delivers unmatched durability, silent operation, and energy-efficient performance for industrial environments.

1. Unmatched Reliability in Harsh Environments

The new ValanoIPC **Fanless Industrial Computer** stands out in challenging industrial settings. Built with a sealed chassis crafted from high-quality aluminum and galvanized steel, it achieves an IP55 rating that protects against dust, moisture, and contaminants.

2. Silent, Low-Maintenance Operation

Traditional industrial PCs often struggle with maintenance issues caused by dust accumulation and fan breakdowns. In contrast, ValanoIPC's **Fanless Industrial Computer** uses passive cooling technology to dissipate heat without noise or airflow vulnerabilities.

3. Enhanced Energy Efficiency and Cost Savings

Energy efficiency is a key driver for modern industrial systems. The passive cooling

architecture of the ValanoIPC **Fanless Industrial Computer** not only eliminates the power draw of cooling fans but also reduces overall energy consumption.

4. Designed for Extreme Conditions and Industrial IoT

Equipped with Intel® Celeron® J1900 quad-core processing and support for up to 8 GB DDR3 memory, the system is optimized for real-time data processing, automation control, and Industrial IoT (IIoT) applications.

5. Flexible Integration and Future-Ready Performance

The ValanoIPC **Fanless Industrial Computer** features multiple expansion options, including Mini-PCIe for Wi-Fi or cellular modules, dual display support, and industrial-grade I/O interfaces.

About the Company

"With the launch of our **Fanless Industrial Computer**, **ValanoIPC** reinforces its commitment to delivering rugged, reliable, and efficient computing platforms that empower industrial automation and digital transformation," said a company spokesperson. "This new solution is engineered to thrive where traditional PCs fall short — ensuring long-term performance, reduced downtime, and lower total cost of ownership."

VALANO TECHNOLOGY

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

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