



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.

The advertisement graphic features the ValanoIPC logo at the top left, followed by the product name 'Fanless Industrial Computer' in large, bold, blue letters. Below this, the tagline 'The Future of Industrial Computing: Why the Fanless Industrial Computer Is Leading the Way' is written in a smaller, grey font. A dark blue button with the text 'CONTACT US' in white is positioned below the tagline. At the bottom left, the website 'www.valanoipc.com' is displayed. To the right of the text, there is a photograph of a technician in a white lab coat and safety glasses working on the internal components of a fanless industrial computer. The computer is open, revealing its internal hardware, including the motherboard, RAM, and various connectors. The background of the photo is a clean, white laboratory setting.

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-PCle 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.”

A dark blue banner for Valano Technology. On the left, the company name 'VALANO TECHNOLOGY' is in large white letters, followed by a quote: "Valano is a leading supplier of industrial pcs, panel pcs, rugged tablets, network security machines." In the center, contact information is listed: a phone number '+86 13556025664' with a phone icon, an email 'marketing@valanoipc.com' with an envelope icon, and a website 'www.valanoipc.com' with a globe icon. On the right, there is a circular inset image of a woman in a white shirt and headset, pointing upwards with her right hand.

VALANO TECHNOLOGY

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www.valanoipc.com

For more info about the company

Company Name: **ValanoIPC**

Address: Building 1, Tianjie Creative Park, Daxin Road, Gedi, Nancheng, Dongguan, Guangdong 523000

Contact Phone: +86 13556025664

Contact Name: Flora Lee

Contact Email: marketing@valanoipc.com

Website URL: <https://www.valanoipc.com/>