

ValanoIPC Launches IC09: A Robust Industrial Embedded Box PC for Automation Excellence

ValanoIPC unveils the IC09 Industrial Embedded Box PC, offering rugged, high-performance computing for automation, IoT, and industrial applications.

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Industrial Embedded Box PC

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Dongguan, Guangdong Oct 16, 2025 (Issuewire.com) - ValanoIPC, a leading innovator in industrial-grade computing solutions, is proud to announce the launch of its latest product, the IC09 [Industrial Embedded Box PC](#). Engineered for demanding industrial environments, the IC09 combines high-performance computing with rugged durability, making it an ideal choice for automation, IoT, and edge computing applications.

Unmatched Performance and Reliability

The IC09 is powered by the Intel® Elkhart Lake Celeron® J6412 processor, featuring 4 cores and 4 threads, delivering efficient performance for industrial tasks. Its fanless design ensures silent operation, reducing the risk of mechanical failure and minimizing maintenance needs. The compact, rugged chassis is built to withstand harsh conditions, including dust, vibration, and extreme temperatures, ensuring consistent performance in challenging environments.

Advanced Connectivity for Modern Industrial Needs

Equipped with dual Intel i226-V 2.5G Ethernet ports, the IC09 provides fast and reliable network connectivity, essential for real-time data processing and communication in industrial automation systems. Multiple M.2 expansion slots support Wi-Fi, Bluetooth, and 4G/5G modules, offering flexible

connectivity options to meet the evolving demands of modern industrial applications.

Industrial-Grade Features for Enhanced Control

The IC09 comes with a suite of industrial-grade features designed to enhance system control and reliability. These include a watchdog timer, diskless boot, network wake-up, and scheduled power-on/off functions. Additionally, the one-touch OS recovery feature allows for quick system restoration, minimizing downtime and ensuring continuous operation.

Versatile Display and Expansion Options

With HDMI and VGA outputs, the IC09 supports versatile display options, making it suitable for various industrial applications, including HMI systems, control panels, and digital signage. The system supports up to 16GB DDR4 SO-DIMM 3200MHz memory, providing ample capacity for multitasking and handling complex industrial workloads.

Applications Across Industries

The IC09 [Industrial Embedded Box PC](#) is designed to meet the needs of various sectors, including:

- **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.

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.

For more info about the company

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