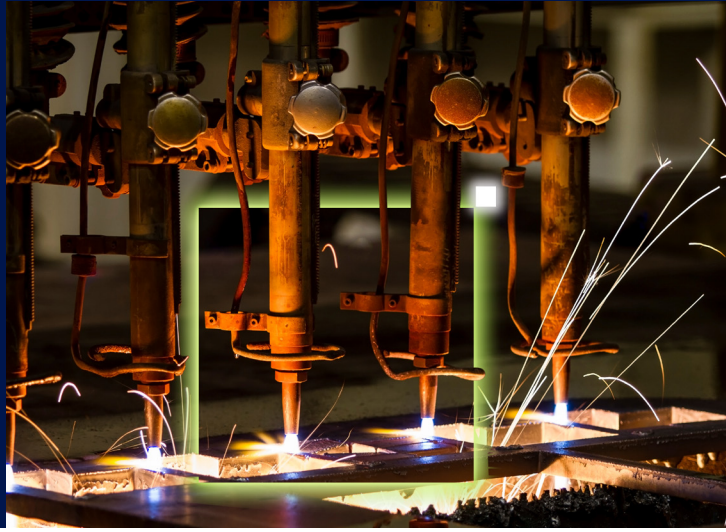
High-Performance Compact Edge AI System with Active Cooling



IPC-221

ADVANTECH x intel.

Compact Edge AI System Suitable for Equipment Integration

The IPC-221 is a compact front I/O Desktop/Wallmount chassis designed for machine automation, industrial equipment manufacturing, and other demanding edge deployments. Built around Intel® Core™ Ultra processors (Series 2), it provides the compute foundation required for intelligent industrial applications while maintaining a space-efficient footprint. At just 232mm depth, the IPC-221 supports up to two add-on cards, enabling flexible expansion for application-specific workloads and connectivity requirements. A PWM fan combined with motherboard-controlled fan speed management helps maintain reliable system operation while supporting a quiet working environment. The system accommodates two 2.5-inch SSD/HDD drives and includes a built-in 250 W AC power supply for streamlined deployment. With front-access I/O, flexible wallmount or desktop installation, and support for industrial expansion options, the IPC-221 delivers a versatile platform for edge computing, automation, and AI-driven industrial solutions.



Key Features

- Ultra Compact
- High Performance 65W CPU
- Rich I/O Within Limited Volume
- PCI E Card Slots for Expandability

intel ai
Intel® AI Edge Systems

Intel Products & Technologies

- Intel® Core™ Ultra Processors
- Intel® Core Processors
- Intel® Ethernet
- Intel® Iris Xᵉ Graphics
- Intel® UHD Graphics

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11/26