

Industrial Control Machine

◆ Product Description

As a core hub connecting equipment, data, and decision-making, the industrial all-in-one PC is gradually replacing traditional split-type control systems. With its integrated design, industrial-grade reliability, and flexible scalability, it has become a key infrastructure for enterprises' digital transformation.



- Industrial-grade Protection and Adaptability to Extreme Environments
- Highly Integrated Design and Flexible Deployment
- Rich Interfaces and Flexible Expandability
- Industrial-grade Stable Performance and Long Service Life
- Multi-system Compatibility and Easy Customization & Adaptation

◆ Product Structure

- It features a fully sealed all-metal chassis that provides IP65-rated dustproof and waterproof performance, along with wide-temperature resistance and vibration resistance. Combined with an industrial-grade LCD screen and a multi-mount structure, it is suitable for harsh industrial environments. Internally, it is equipped with a low-power industrial-grade processor, a wide-voltage power supply, and a fanless heat dissipation system. Together with the SSD solid-state drive, these components ensure stable 24/7 operation. Meanwhile, it comes standard with a rich set of industrial interfaces including RS-232/485 serial ports and CAN bus, and reserves PCIe expansion slots to support the integration of 5G and AI modules. Compatible with Windows, Linux, and domestic operating systems, it can seamlessly connect to devices such as PLCs and sensors, achieving an optimal balance between stability and flexible adaptability.

◆ Typical Applications

- Thanks to its industrial-grade protection, stable operation, and flexible expansion capabilities, the industrial all-in-one PC is widely used in scenarios such as industrial production line automation control, new energy power station monitoring and operation maintenance, smart warehouse AGV scheduling, municipal transportation and environmental monitoring, and medical equipment and laboratory control. It provides full-process support for data collection, equipment regulation, intelligent analysis, and remote operation and maintenance under harsh working conditions in various fields.

◆ Typical Product Data and Physical Properties

Chassis: Adopts one-piece molded aluminum alloy or cold-rolled steel plate material.

Display Panel: Equipped with industrial-grade tempered glass.

Internal Components: Core components including the mainboard, power supply, and interfaces are all selected from military-grade/industrial-grade electronic components.

Availability:

Item#	Packing	specification
1.5.27.00.0020	1 unit/carton	15KG

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.

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