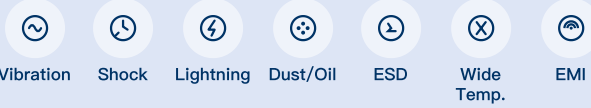


01 Product Overview



CESIPC G-Series 10-inch full stainless steel industrial panel PC is designed for small equipment and local workstation applications in wet washdown areas of food, dairy, and pharmaceutical industries. The whole unit features SUS304/316 stainless steel construction with IP67/IP69K dual protection, capable of withstanding high-temperature, high-pressure hot water and chemical cleaning agents, allowing exposed installation without an enclosure. The compact 10-inch size is suitable for space-constrained equipment integration, supports industrial-grade touch and multi-platform processors, providing a reliable solution for small HMI and equipment control in wet washdown areas.



Features



Certifications



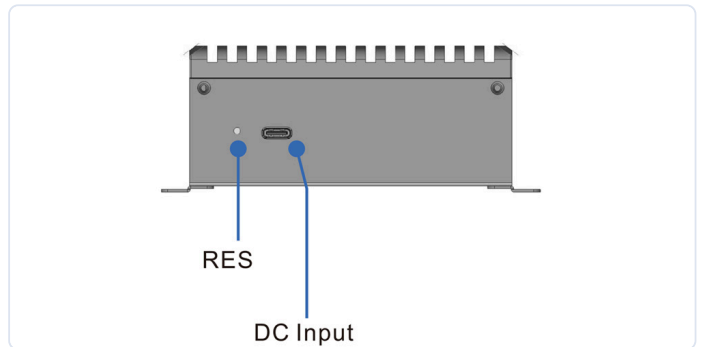
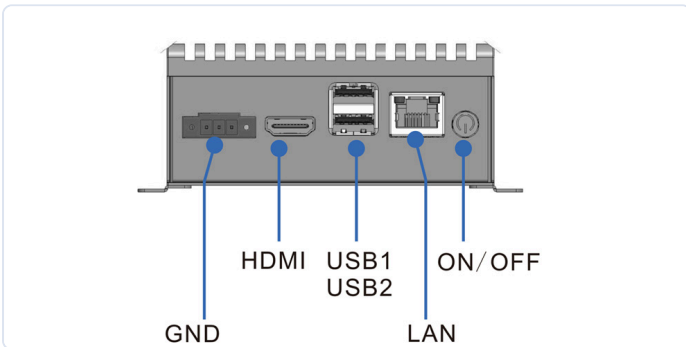
Key Features

- ★ Display: 10-inch 4:3 industrial-grade XGA TFT LED LCD, resolution 1024x768, 16.2M colors, brightness 350 cd/m²;
- ★ Touch: Projected capacitive P-CAP 10-point touch, supports glove operation, whole unit IP67/IP69K protection;
- ★ Core: Intel® Celeron® J1900 embedded quad-core processor, cost-effective, stable and reliable;
- ★ Ethernet: Dual Gigabit Ethernet ports for high-speed and stable industrial network communication;
- ★ Rich I/O: 2 USB 2.0, 2 RS232, 1 Gigabit Ethernet port;
- ★ Expansion: Supports 1x Mini PCIe Wi-Fi module expansion (optional Wi-Fi, Bluetooth, 4G/5G communication modules);
- ★ Technology: BlockCore™ modular design for scalability and high maintainability;
- ★ Reliability: FANLESS fanless cooling, reliable and stable, maintenance-free design;
- ★ Supports CESIPC SafeCore™ technology to prevent power-off damage and ensure long-term stable system operation;
- ★ Construction: Rugged 304/316 stainless steel housing, industrial-grade robust body, whole unit IP67/IP69K protection.

02 Product Images



03 I/O Interface



04 Technical Specifications

• Core Hardware

Parameter	Specification
AI模组	NVIDIA Jetson Nano
AI算力	472 GFLOPS
GPU	128-core NVIDIA Maxwell™ architecture GPU
CPU	Quad-core ARM® Cortex®-A57 MPCore processor
功耗TDP	5W ~ 10W
显示输出	HDMI 2.0
Memory	Single Socket, 4GB DDR4
Storage	32GB EMMC+M.2 SSD(minimum 256GB)
操作系统	Linux (NVIDIA Jetpack 4.6)

• I/O Interfaces

Parameter	Specification
USB	1 × USB2.0、1 × USB3.0 (Type-A)
HDMI	1 × HDMI 2.0 (1920*1200 @30Hz)
GbE LAN	1 × 千兆以太网口
Audio	1 × Mic-in, 1 × Line-out
Wi-Fi	/

• Power Input

Parameter	Specification
Power Connector	3PIN凤凰端子, 支持 9~36V DC wide-range input
Boot Mode	AT/ATX mode switch开关
自启设计	硬件级来电自动恢复运行

• Product Attributes

Parameter	Specification
Product Dimensions	116.9(W)×90 (深) ×45(H)mm
Net Weight	0.3 KG net weight
Chassis Material	6061 high-strength aluminum alloy
Mechanical Structure	铝型材挤压 + sheet metal
Mounting	桌面式、wall mount式
散热系统	被动散热
MTBF	60,000 hrs

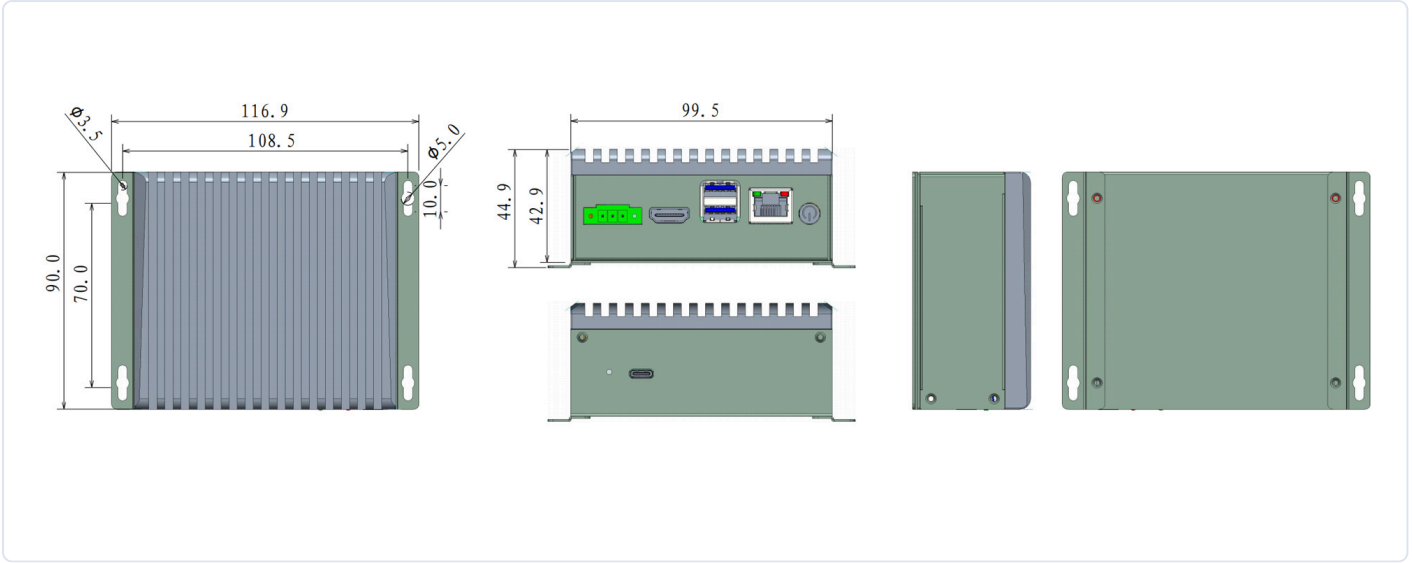
• Operating Environment

Parameter	Specification
Operating Temp.	0~50°C (wide temp.optional)
Storage Temp.	-10~60°C (wide temp.optional)
Humidity	10%~95%, non-condensing
EMC	CE, FCC (EN 55032 & EN 55035)
EMC Harmonic	EN IEC 61000-3-2

• **Certifications & Compliance**

Parameter	Specification
Factory Cert.	ISO9001: 2015
BIOS Customization	支持LOGO定制

05 Mechanical Dimensions



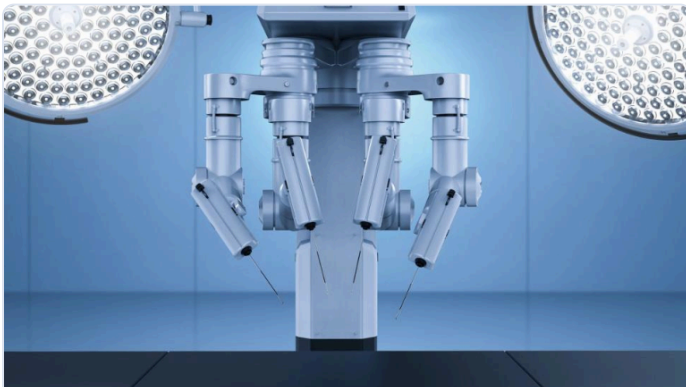
06 Applications



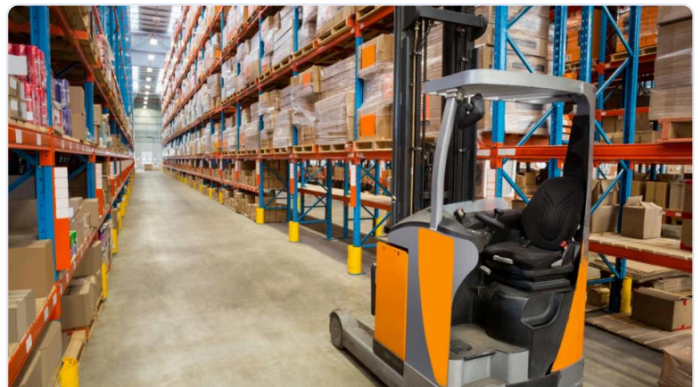
Industrial Equipment Control



Data Acquisition



Transportation



Energy

07 Ordering Information

NO.	Model	Part No.	Processor	Memory	Storage
1	EA-N100A	C5.02.07.068	Jetson Nano™	4GB LPDDR4	SSD 256GB

※ Note: Due to market fluctuations, CPU models, memory, hard drives and other key chips may change. Please consult our sales team for details.

※ Specifications subject to change without notice. Data measured under standard test conditions.

For customization or support, contact CESIPC: 0755-85286060 · sales@cesipc.com · www.cesipc.cn

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