CRAFTING EFFICIENT SUSTAINABLE IPC SOLUTIONS
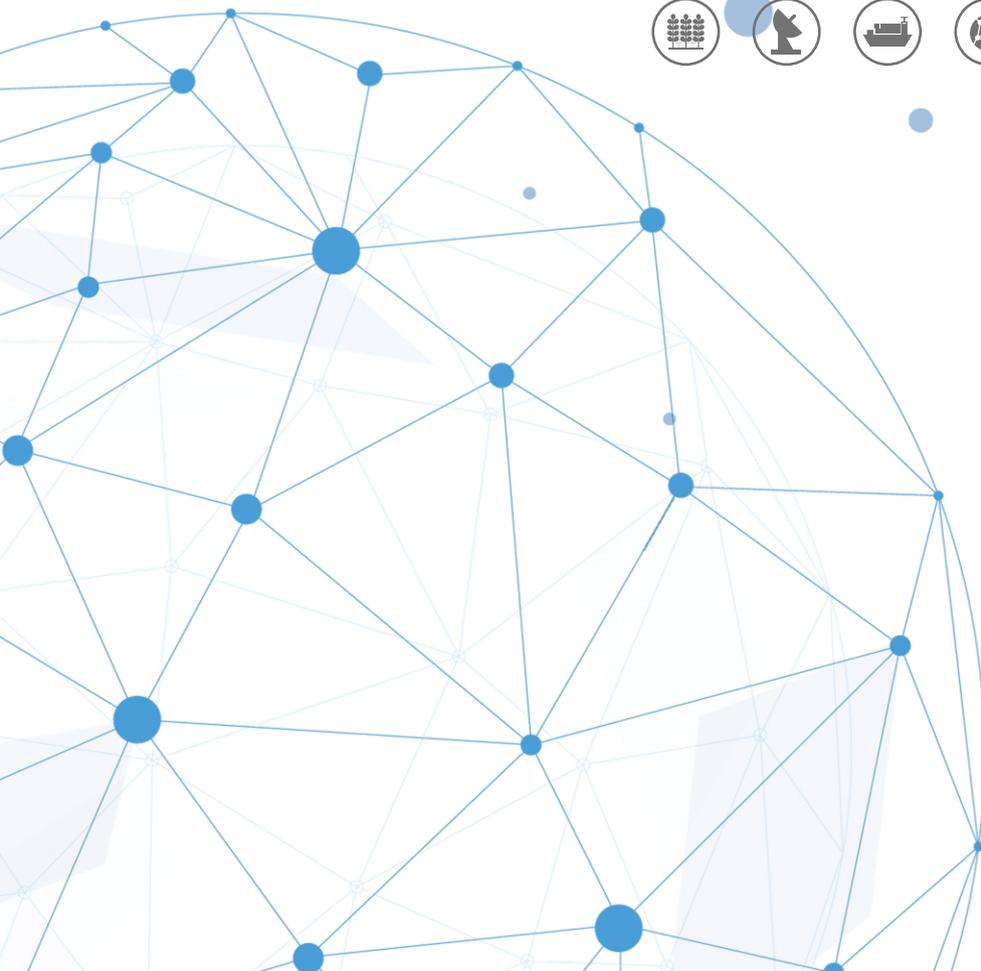
CESIPC

PRODUCT CATALOG | **2024**

INDUSTRIAL COMPUTER

Download Electronic Catalog

DIRECTORY

ENTERPRISE INTRODUCTION

Cloud Embedded Technology Limited, known as Cloud and branded as CESIPC, is headquartered in Shenzhen, China. With 14 years of steady and mature development, we have evolved into a world-leading designer and manufacturer of specialized computers. By capitalizing on the rapid advancements in the industrial Internet of Things and Industry 4.0, we actively invest in key applications, including industrial automation, food and medicine, emergency communication management, intelligent transportation, and smart energy.

At CESIPC, we pride ourselves on our independent R&D team and state-of-the-art manufacturing facilities. Our capabilities allow us to meet the diverse and customized needs of our clients with high-quality, reliable industrial motherboards and industrial PC products. Our extensive product range includes multiple series and sizes, all designed for high stability and reliability.

Our company is built on the principle of "Artisan Culture," emphasizing integrity, pragmatism, cooperation, and mutual success. We are committed to working hand-in-hand with our clients to create shared value and foster long-term partnerships. Our customer-centric approach ensures we deliver high value-added services, positioning CESIPC as a leading force in China's embedded industry and a preferred partner for channel distributors worldwide.

Download Electronic Catalog

Advantages

As a national high-tech enterprise, CESIPC is a leading industrial computer manufacturer in China. Based on independent R&D and innovation, we are proud of our main products with independent intellectual property rights and a strong R&D team. Our R&D team has more than 20 years of experience in the field of embedded computers and has accumulated a wealth of expertise.

The CESIPC team consists of hardware engineers, BIOS engineers, PCB layout engineers, test engineers, software engineers, and institutional engineers. With diversified technical backgrounds and rich industry experience, we are able to provide a variety of ODM/OEM industrial and military-grade computer products to customers around the world, ensuring high reliability and excellent performance.

CESIPC has always been committed to advancing the field of industrial computers and providing innovative solutions to customers.

CESIPC will continue to pursue technology and provide excellent computer products and services to partners in all walks of life.
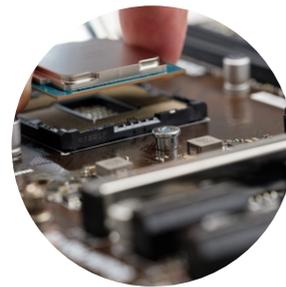
Quality

CESIPC's product line includes four categories: Industrial PC, Industrial Panel PC, Rugged Tablet, and Rugged Laptop. We firmly believe that achieving excellent quality stems from a continuous pursuit of perfection. Through rigorous risk assessments and extensive testing, CESIPC delivers industrial-grade products that earn customer satisfaction and trust.

CESIPC adheres to strict quality management standards, always prioritizing the customer's perspective. Our commitment extends beyond meeting functional, performance, stability, and maintainability requirements. We are dedicated to continuously improving product quality. This approach not only saves customers time, costs, and resources but also reduces development risks, ensuring the stable and reliable operation of our products in diverse and complex environments.

High and low temperature test   Aging test   ESD testing   Quality control of incoming materials   Functional testing

Technical Qualification

CESIPC prioritizes technology and quality, maintaining a strong focus on market demands and customer needs. We are committed to continuous innovation and the development of products with core competitive advantages. CESIPC products adhere to the ISO 9001 quality management certification system and have received recognition from various certification standards, including CE, CCC, RoHS, and FCC.

High-Tech Enterprises

Specialized New SMEs

Industrial Motherboard Design Registration Certificate

Trademark

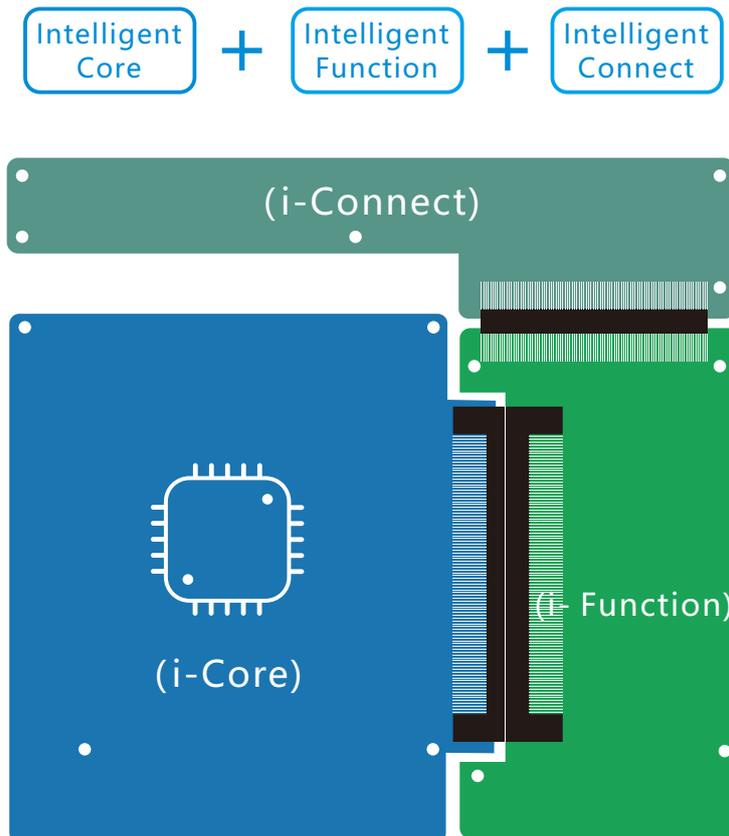ISO9001

FCC

CE

CCC

Patents

LEGO MODE

Introduction

CESIPC's LEGO construction technology is based on the design philosophy of LEGO bricks. Through modular design, It creates a LEGO MODE ecosystem library, providing diverse and personalized functional boards to meet the needs of various industries. This approach achieves a high degree of modularity and flexibility, ensuring that customers can flexibly combine and expand functional modules to meet the requirements of different application scenarios.
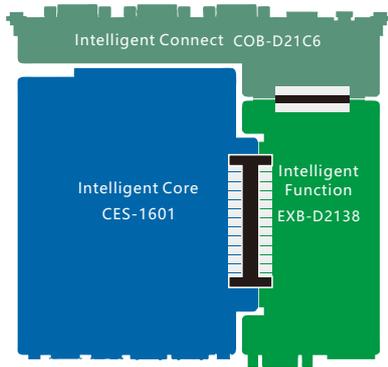
Shorten Time

Ensure Stability

Overall cost

Risk Management

CESIPC's LEGO construction technology consists of three main modules, which we can collectively refer to as **3i**:

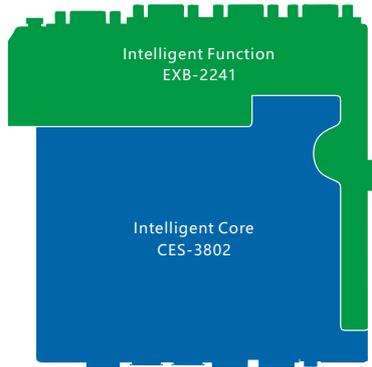Intelligent Core **+** Intelligent Function **+** Intelligent Connect

(i-Connect)

(i- Function)

(i-Core)

CESIPC'S INDUSTRIAL MOTHERBOARD COUPLING CONNECTION METHOD

LEGO MODE Modular Configuration

Intelligent Connect COB-D21C6
Intelligent Core CES-1601
Intelligent Function EXB-D2138

UPC-206A Industrial PC
200L profile single-layer coupling

Intelligent Function EXB-2241
Intelligent Core CES-3802

UPC-208A Industrial PC
200L profile double-layer coupling

Intelligent Connect COB-D21C6
Intelligent Core CES-1902
Intelligent Function EXB-D2351
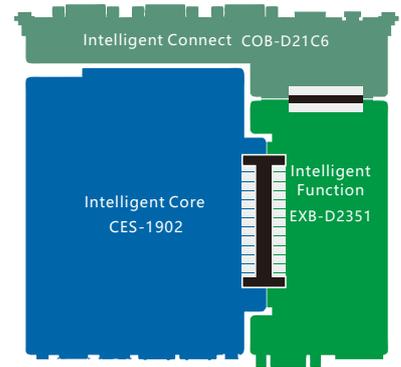
UPC-209A Industrial PC
200L profile single-layer coupling

Intelligent Connect COB-D2212
Intelligent Core CES-1603
Intelligent Function EXB-D2211
COB-D2136
Intelligent Connect COB-D2171
Intelligent Connect
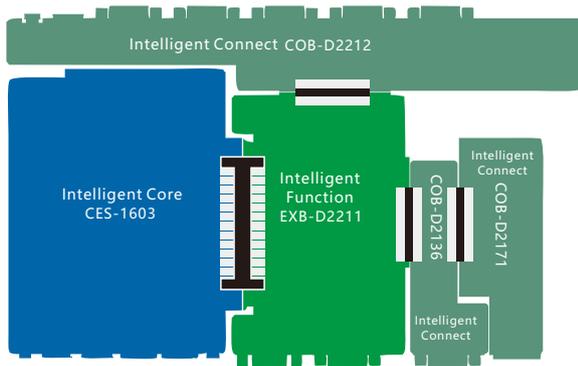
UPC-306A Industrial PC
300L profile single-layer coupling

Intelligent Connect COB-D2212
Intelligent Core CES-1902
Intelligent Function EXB-D2211
COB-D2136
Intelligent Connect COB-D2171
Intelligent Connect
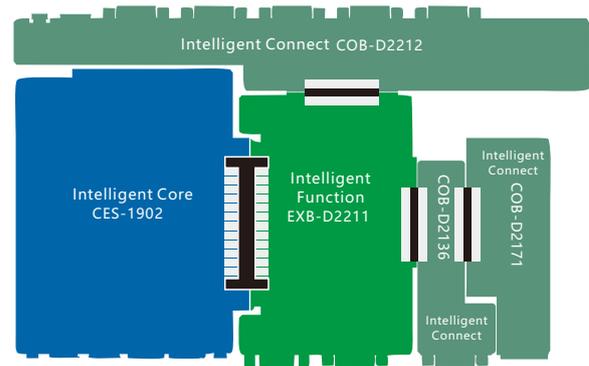
UPC-309A Industrial PC
300L profile single-layer coupling

Intelligent Connect COB-D21A1
Intelligent Core CES-3802
Intelligent Function EXB-D2138
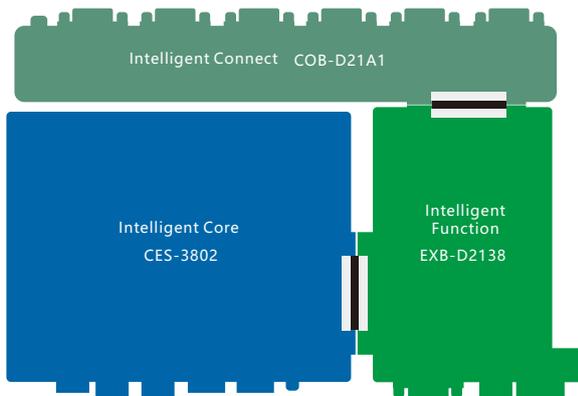
UPC-308A Industrial PC
300L profile single-layer coupling

Intelligent Function EXB-D2231
Intelligent Core CES-3802
Intelligent Connect COB-D21A1
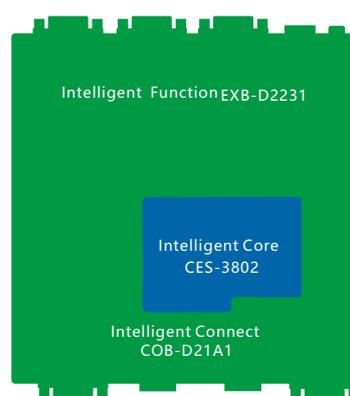
UPC-108A Industrial PC
200L profile double-layer coupling

About more

LEGO MODE

About Intelligent Core

CESIPC's Intelligent Core is the central brain of the LEGO construction technology. It integrates the processor, memory, and hard drive as a fixed module within the system, delivering exceptional computing power and data storage capabilities. The Smart Core Board offers various processing performance options, allowing customers to choose based on specific needs, ensuring optimized system performance. This module has been extensively validated in the market over a long period, demonstrating high stability and reliability, which ensures the safe operation of the system. Additionally, the Smart Core Board is designed with excellent scalability and compatibility, facilitating seamless integration with other functional modules to meet the personalized needs of different industries and application scenarios. This design philosophy not only enhances product flexibility but also boosts the overall performance and security of the system.

| CES-1601 | CES-1701 | CES-3802 | CES-1902 | CES-1201 |

| CES-1301 | CES-1303 |

Intelligent Core Processor Platform

intel

| Intel® Celeron® Processor J1900 | Intel® Celeron® Processor J6412 | Intel® Core™ Processor 7th 7100U/7200U/7500U | Intel® Core™ Processor 10th 10110U/ 10310U/ 10810U | Intel® Core™ Processor 12th 1215U/ 1235U/ 1255U |
| CES-1601 | CES-1701 | CES-3802 | CES-1902 | CES-1201 |

Rockchip
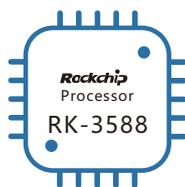
| Rockchip Processor RK-3588 | Rockchip Processor RK-3399 |
| CES-1301 | CES-1303 |

About Intelligent Function

CESIPC's Intelligent Function is one of the most crucial modules in LEGO construction technology. It expands functionality based on standard industrial buses, supporting various bus interfaces such as PCIe, LPC, USB 3.0, USB 2.0, SMBUS, and SPI.

The Intelligent Function board supports small-batch customization and rapid development, catering to customers' cost considerations. It meets all industrial field environment and interface requirements, ensuring product stability through the intelligent expansion connector and is adaptable to various demanding industrial application scenarios.

In today's era of high personalization demand, CESIPC continues to develop the LEGO MODE ecosystem library.

Multi-interface set

Flexible customization

Industrial compatibility

advantages

Standard expansion

Rapid customization

Currently, the diverse Intelligent Function modules can quickly provide extensive customization services for customers across various industries.

EXB-D2211

EXB-D2138

EXB-2351
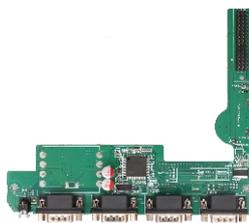
EXB-D2433
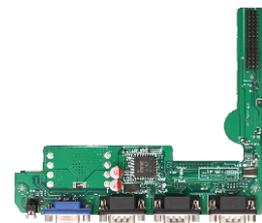
EXB-D21C1
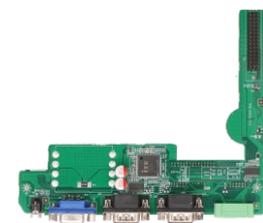
EXB-D2243

EXB-D21C2

EXB-D2231

EXB-D22B3

LEGO MODE

About Intelligent Connect

The CESIPC Intelligent Connect board is a modular IO interface board based on LEGO MODE technology, which can be replaced and customized according to customer needs. By swapping out different Intelligent Connect boards, users can achieve multiple IO outputs and communication functions, including USB dongle, USB 2.0/3.0, RS-422/485, RS-232, digital I/O, WiFi, Bluetooth, WAN, and Gigabit Ethernet, meeting the demands of various application scenarios.
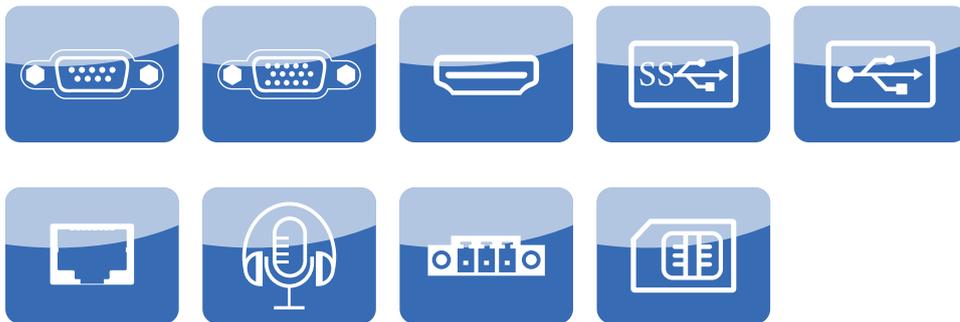
The CESIPC Intelligent Connect board strictly adheres to multiple international and industry safety standards to ensure its reliability and safety in diverse applications.

● Electrical Safety Standards
  IEC 61010 / UL 61010

● Electromagnetic Compatibility Standards
  IEC 61000 / EN 55032

● Environmental Standards
  IEC 60529 / IEC 60068

● Explosion-proof Standards
  ATEX 94 / IECEx

● Data Security Standards
  ISO/IEC 27001

● Physical Security Standards
  Locking mechanism / Tamper-proof design

● Interface Standards
  USB security / Serial port security

● Communication Security Standards
  TLS/SSL / VPN

COB-D2212

- Cesipc's Standard Lego Mode Technology
- Compatible With L300 Profile 1601/1901 Motherboard
- Provides 4 Serial Port Boards
- Provides 2 USB Boards

COB-D21C8

- Cesipc's Standard Lego Mode Technology
- Compatible With L300 Profile 3802 Motherboard
- Provides 6 Serial Port Boards
- Includes A Built-in Switch

COB-D2235

- Cesipc's Standard Lego Mode Technology
- Compatible With L300 Profile 1601/1901 Motherboard
- Provides 5 Serial Port Boards
- Includes A 4-pin Phoenix Terminal Switch
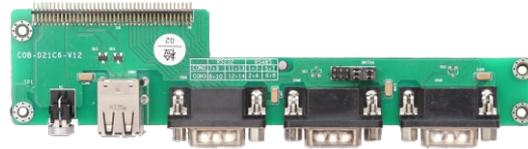
COB-D21C6

- Cesipc's Standard Lego Mode Technology
- Compatible With L200 Profile 1601/1901 Motherboard
- Provides 3 Serial Port Boards
- Provides 2 Usb Boards
- Includes A Built-in Switch

COB-D2233

- Cesipc's Standard Lego Mode Technology
- Compatible With L300 Profile 1601/1901 Motherboard
- Provides 5 Serial Port Boards
- Includes A 4-pin Phoenix Terminal Switch

COB-D2225

- Cesipc's Standard Lego Mode Technology
- Compatible With L200 Profile 1601/1901 Motherboard
- Provides 3 Serial Port Boards
- Provides 2 USB Boards
- Includes A Built-in Switch

COB-D2292

- Cesipc's Standard Lego Mode Technology
- Compatible With L300 Profile 1601/1901 Motherboard
- Provides 5 Serial Port Boards
- Provides 2 USB Boards
- Includes A 4-pin Phoenix Terminal Switch

COB-D2168

- Cesipc's Standard Lego Mode Technology
- Provides Multifunctional Buttons
- Supports Customizable Button Settings

COB-D21C7

- Cesipc's Standard Lego Mode Technology
- Compatible With L200 Profile 3802 Motherboard
- Provides Voltage Filtering Functionality

UPC Product Features

CeSIPC

- LEGO MODE Modular
- Fanless Design
- Highly Compatible Structure
- Strong Processing Capacity
- Great Expansibility
- Support Customization

01 Modular Design and Stability Upgrade

Based on CESIPC's iDoor technology, the UPC series adopts a modular design. This includes Intel® Celeron® J1900, Intel® 7th Generation Core™ processors, and Intel® 10th Generation Core processors, achieving a diverse combination of performance.

02 Meet Customization Requirements

To meet the different functional and performance needs of customers, we provide customized services. We can quickly develop a variety of I/O ports according to customer requirements.

03 Efficient Heat Dissipation, Rugged and Durable

Utilizing high-strength cast aluminum alloy molding and copper and aluminum integrated high-efficiency thermal conduction technology, we ensure the robustness and excellent heat dissipation performance of our industrial computers.

04 Cable-Less Design

The entire machine is designed without cables, reducing the risk of failure and improving the reliability of the overall system.

05 Worry-Free Upgrades and High Compatibility

Product upgrades are forward-compatible, allowing customers to easily replace new high-level modules to maintain the modernity and sustainability of the system.

Flexible Combinations

7th Core Processor
UTC-S1292A

10th Core Processor
UTC-S1292A

J1900 Processor
UTC-S1262A

01 Modular Design and Stability Upgrade

CESIPC's iDoor technology brings a new upgrade to our products with a modular design, significantly improving product stability.

02 For Easy Maintenance

The unique split core design makes product assembly and maintenance more convenient. Separating the core board from the functional module boards simplifies the maintenance process and lowers costs.

03 Highly Compatible Structure

The modular design of our CPU computing platform allows you to choose different models of processors according to your needs, such as Intel® Celeron®, 7th Generation Intel® Core™ i3/i5/i7, and 10th Generation Intel® Core™ i3/i5/i7. This variety of processor options meets different computing needs.

04 Customized I/O Interfaces

To better meet the functional and performance needs of customers, we support fast customization of various I/O interfaces, such as multi-network ports, multi-serial ports, and multi-USB ports. This personalized customization caters to a variety of specific needs.

05 Strengthened Heat Dissipation Design, Cast Aluminum Alloy Molding

In terms of heat dissipation, we use high-strength cast aluminum alloy molding to effectively improve the durability and heat dissipation performance of the product. Copper and aluminum integrated efficient thermal conduction ensure a smooth and efficient

06 Cable-Less Design

The unique cable-less design further enhances product reliability and stability. This design not only reduces the risk of cable failure but also enhances overall reliability in use.

07 Upgrade Performance and High Compatibility

Product upgrades are forward-compatible, making it easy for customers to replace modules with new advanced ones. This flexible upgrade method follows technological advancements and extends the product's life cycle. Regardless of future changes, we will provide customers with ongoing support and excellent product performance.

UPC-108H

Product Features

- Processor: Intel® 7th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2xLAN,4xUSB 3.0,2xUSB 2.0, 2xCOM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 195mm×160mm×65.3mm
- Built-in lithium battery: ensures uninterrupted operation and data security for the industrial computer.

UPC-206A

Product Features

- Processor: Intel® Celeron J1900 Processors
- Memory: 4GB-8GB DDR3L
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0, 3×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 195mm×160mm×46m

UPC-208A

Product Features

- Processor: Intel® 7th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 4×USB 3.0, 3×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 195mm×160mm×46mm

UPC-209A

- Processor: Intel® 10th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 4×USB 3.0, 2×USB 2.0, 3×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating systemSupports Windows7/10/11 And Linux
- Size: 195mm×160mm×46mm

UPC-306A

Product Features

- Processor: Intel® Celeron J1900 Processors
- Memory: 4GB-8GB DDR3L
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0, 6×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 300mm×160mm×50mm

UPC-308A

Product Features

- Processor: Intel® 7th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 4×USB 3.0, 2×USB 2.0, 6×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 300mm×160mm×50mm

UPC-309A

Product Features

- Processor: Intel® 10th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 4×USB 3.0, 2×USB 2.0, 6×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 300mm×160mm×50mm

UPC-307A

Product Features

- Processor: Intel® Celeron J6412 Processors
- Memory: 16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0, 6×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 300mm×160mm×50mm

UPC-309C

Product Features

- Processor:Intel® 10th Generation Coret i3/i5/i7 Processors
- Memory:4GB-16GB DDR4
- Hard disk:mSATA128GB SSD,optional 256GB,512GB, etc
- I/0 interfaces:2×LAN, 4×USB 3.0, 2×USB 2.0, 4×COM
- Power input: DC 12V 5A
- Working temperature:0-50°C, optional wide temperature -40-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size:300mmx160mmx50mm
- Wireless communication: 4G communication for quick deployment

UPC-309R

- Processor:Intel® 10th Generation Coret i3/i5/i7 Processors
- Memory:4GB-16GB DDR4
- Hard disk:mSATA128GB SSD,optional 256GB,512GB, etc
- I/0 interfaces:2×LAN, 4×USB 3.0, 2×USB 2.0, 6×COM
- Power input: DC 12V 5A
- Working temperature:0-50°C, optional wide temperature -40-70°C
- Operating system:Supports Windows7/10/11 And Linux
- Size:300mmx160mmx50mm
- Redundant Power Input: Dual 9-36V wide voltage inputs

UPC-206E

- Processor: Intel® Celeron J1900 Processors
- Memory: 4GB-8GB DDR3L
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 195mm×160mm×46m
- Phoenix Contact Terminal Block:supporting 1 RS-485, 1 RS-232, and 1 CAN

UPC-209B

- Processor: Intel® 10th Generation Core™ i3/i5/i7 Processors
- Memory: 4GB-16GB DDR4
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc
- I/O interfaces: 2×LAN, 4×USB 3.0, 2×USB 2.0, 3×COM
- Power input: DC 12V 5A
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows7/10/11 And Linux
- Size: 195mm×160mm×46mm
- GPIO: support 16-channel GPIO with 8-in and 8-out

8-Inch Product Series

The 8-inch capacitive touch screen industrial panel PC features front panel IP65 protection and utilizes CESIPC intelligent expansion technology. Its modular design ensures seamless integration of the industrial motherboard, functional board, and display. This panel PC supports a variety of CPU modules and allows for rapid customization of I/O interfaces, significantly reducing development costs.

CESIPC will continue to pursue technology and provide excellent computer products and services to partners in all walks of life.

Specifications /Models	UTC-S0862A	UTC-S0882A	UTC-S0892A
Display	8 inch capacitive touch screen, front panel IP65 　(Resolution 1024×768)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	219.2mm×177.2mm×64.8mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

10-Inch Product Series
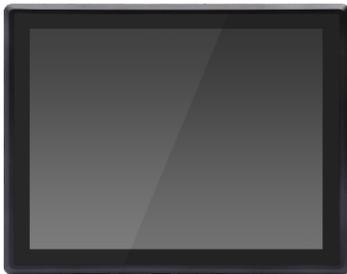
10-inch capacitive touch industrial panel PC with IP65 protection on the front panel for stable operation in harsh environments. Using CESIPC connectivity extension technology, we have achieved a modular cable-less design that integrates industrial motherboards, function boards and displays. The smart product can accommodate a variety of CPU modules and quickly customize the I/O interface, thereby reducing development and maintenance costs. Whether it's an IoT application such as industrial automation, machine vision, or rail transit, it's easy to meet a variety of needs. More flexibility and reliability for your projects.

Specifications /Models	UTC-S1062A	UTC-S1082A	UTC-S1092A
Display	10 inch capacitive touch screen, front panel IP65　 (Resolution 1024×768)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	252.8mm×200mm×65mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

12-Inch Product Series

12-inch capacitive touch screen industrial panel PC with front panel protection level IP65, cable-less modular separation design based on CESIPC intelligent expansion technology, cleverly integrates the industrial motherboard, modular function board and display screen, so that users can easily carry a variety of CPU modules as needed, and quickly customize the I/O interface, greatly reducing development and maintenance costs. Widely used in industrial automation, machine vision, rail transit and other IOT industries to meet the diversified application needs of customers.

Specifications／Models	UTC-S1262A	UTC-S1282A	UTC-S1292A
Display	12 inch capacitive touch screen, front panel IP65　(Resolution 1024×768)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	291.2mm×229.8mm×66mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

15-Inch Product Series

15-inch capacitive touch screen industrial panel PC has IP65-rated front panel protection, uses CESIPC intelligent expansion technology, and has a cable-less modular separation design. It cleverly integrates industrial motherboards, modular function boards and displays, supports a variety of CPU modules, and can quickly customize I/O interfaces, greatly reducing customer development and maintenance costs. Mainly used in industrial automation, machine vision, rail transit, etc. The IOT industry meets the needs of various application scenarios and provides customers with a full range of solutions.

Specifications／Models	UTC-S1562A	UTC-S1582A	UTC-S1592A
Display	15 inch capacitive touch screen,front panel IP65　(Resolution 1024×768)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	358. 3mm×282. 2mm×72. 8mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

17-Inch Product Series

17-inch capacitive touch industrial panel pc, IP65 protection, CESIPC intelligent expansion technology, cable-less modular design, integrated motherboard, function board, screen, multi-CPU module support, customized I/O interface, reduce costs. Suitable for industrial automation, machine vision, rail transit and other IOT industries, to meet the needs of diverse applications, perfect realization of your design.

Specifications／Models	UTC-S1762A	UTC-S1782A	UTC-S1792A
Display	17 inch capacitive touch screen, front panel IP65　(Resolution 1280×1024)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	395.4mm×227.5mm×73.7mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

19-Inch Product Series

19-inch capacitive touch screen industrial computer adopts CESIPC intelligent extension technology and has IP65 front panel protection. Its unique cable-less modular detached design integrates industrial motherboards, modular function boards, and displays to provide customers with superior flexibility. The tablet supports a variety of CPU modules and can quickly customize the I/O interface, reducing development and maintenance costs. It is suitable for industrial automation, machine vision, rail transit and other IOT industries, meeting a variety of application needs and ensuring the perfect realization of your design.

Specifications／Models	UTC-S1962A	UTC-S1982A	UTC-S1992A
Display	19 inch capacitive touch screen, front panel IP65　(Resolution 1280×1024)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	439.4mm×364.5mm×74mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

10.1-Inch Product Series

The 10.1-inch capacitive touch screen industrial panel PC features front panel IP65 protection and utilizes CESIPC intelligent expansion technology. Its modular design ensures seamless integration of the industrial motherboard, functional board, and display. This panel PC supports a variety of CPU modules and allows for rapid customization of I/O interfaces, significantly reducing development costs.

CESIPC will continue to pursue technology and provide excellent computer products and services to partners in all walks of life.

Specifications /Models	UTC-W1062A	UTC-W1082A	UTC-W1092A
Display	10.1 inch capacitive touch screen, front panel IP65 (Resolution 1920×1200)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	263.1mm×175.1mm×65.8mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

12.5-Inch Product Series

The 12.5-inch capacitive touch screen industrial panel PC features front panel IP65 protection and utilizes CESIPC intelligent expansion technology. Its modular design ensures seamless integration of the industrial motherboard, functional board, and display. This panel PC supports a variety of CPU modules and allows for rapid customization of I/O interfaces, significantly reducing development costs.

CESIPC will continue to pursue technology and provide excellent computer products and services to partners in all walks of life.

Specifications /Models	UTC-W1262A	UTC-W1282A	UTC-W1292A
Display	12.5 inch capacitive touch screen, front panel IP65 (Resolution 1920×1080)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	396.5mm×246mm×72mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

13.3-Inch Product Series

The 13.3-inch capacitive touch screen industrial panel PC features front panel IP65 protection and utilizes CEsIPcintelligent expansion technology. Its modular design ensures seamless integration of the industrial motherboard, functional board, and display. This panel PC supports a variety of CPU modules and allows for rapid customization of I/O interfaces, significantly reducing development costs.
CESIPC will continue to pursue technology and provide excellent computer products and services to partners in all walks of life.

Specifications /Models	UTC-W1362A	UTC-W1382A	UTC-W1392A
Display	13.3 inch capacitive touch screen, front panel IP65 (Resolution 1920×1080)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0	4×USB 3.0, 2×USB 2.0
COM	3×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	337mm×212.2mm×62.3mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

15.6-Inch Product Series

15.6 inch industrial panel PC with 1920*1080 display output and IP65 front panel protection level. Using CESIPC intelligent expansion technology, it uniquely integrates industrial motherboards, functional modules and displays. The tablet supports a variety of CPU modules, allowing customization of I/O interfaces, reducing development and maintenance costs. It is suitable for industrial automation, machine vision, rail transit and other IoT fields.

Specifications /Models	UTC-W1562A	UTC-W1582A	UTC-W1592A
Display	15.6 inch capacitive touch screen, front panel IP65 (Resolution 1920×1080)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	396.5mm×246mm×72mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

17.3-Inch Product Series

17.3 inch capacitive touch screen industrial panel PC with 1920*1080 display and IP65 front panel protection level. Powered by CESIPC Connectivity Extension technology, this computer features a cableless modular separation design that integrates an industrial motherboard, functional module and display, providing excellent flexibility. Support a variety of CPU modules, can customize the I/O interfaces, thereby reducing development and maintenance costs. It is suitable for industrial automation, machine vision, rail transit and other Internet of Things industries.

Specifications／Models	UTC-W1762A	UTC-W1782A	UTC-W1792A
Display	17.3 inch capacitive touch screen, front panel IP65　(Resolution 1920×1080)		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	437mm×270mm×72mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

21.5-Inch Product Series

21.5 inch capacitive touch screen industrial panel PC with 1920*1080 display and IP65 front panel protection. Using CESIPC intelligent expansion technology, this computer adopts a wireless modular separation design, seamlessly integrating industrial motherboards, functional modules and displays, providing customers with great flexibility. Support a variety of CPU modules, can quickly personalize I/O interfaces, significantly reduce development and maintenance costs. Suitable for industrial automation, machine vision, rail transit and other IoT industries.

Specifications／Models	UTC-W2162A	UTC-W2182A	UTC-W2192A
Display	21.5 inch capacitive touch screen, front panel IP65		
Processor	Intel® Celeron® Processor J1900	Intel® 7th Generation Core™ i3/i5/i7	Intel® 10th Generation Core™ i3/i5/i7
Memory	4GB-8GB DDR3L	4GB-16GB DDR4	
Hard disk	mSATA 128GB SSD, optional 256GB, 512GB, etc.		
LAN	2×LAN		
USB	1×USB 3.0, 5×USB 2.0	4×USB 3.0, 2×USB 2.0	
COM	6×COM		
Environment	0-50℃, optional wide temperature -40°C-70°C		
System	Supports Windows7/10/11 And Linux		
Size	530.0mm×326.6mm×75mm		
Application	Factory MES System, Intelligent Logistics, Robot Control, Equipment Monitoring And Maintenance, Energy Management And Monitoring, Environmental Monitoring And Control, Security Systems		

cesIPC

KLD-1062B(C)

Product Features

- Display: 10 inch capacitive touch screen, front panel IP65
- Processor: Intel® Celeron Processor J1900
- Memory: 4GB-8GB DDR3L
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc.
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0, 3×COM
- RFID: Built-in 1× RFID, 13.56MHz IC / ID
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows 7/10 and Linux
- Size: 350.1mm×220.0mm×39mm
- Product application: Factory MES System, Intelligent Logistics, Robot
   Control, Equipment Monitoring And Maintenance, Energy Management

UTC-S1562C

Product Features

- Display: 15 inch capacitive touch screen, front panel IP65
- Processor: Intel® Celeron Processor J1900
- Memory: 4GB-8GB DDR3L
- Hard disk: mSATA 128GB SSD, optional 256GB, 512GB, etc.
- I/O interfaces: 2×LAN, 1×USB 3.0, 5×USB 2.0, 6×COM
- RFID: Built-in 1× RFID, 13.56MHz IC / ID
- Working temperature: 0-50°C, optional wide temperature -40°C-70°C
- Operating system: Supports Windows 7/10 and Linux
- Size: 436mm×282.0mm×49.3mm
- Product application: Factory MES System, Intelligent Logistics, Robot
   Control, Equipment Monitoring And Maintenance, Energy Management

TPC-0862C

Product Features

- 8 inch capacitive touch screen
- Powered by Intel® Celeron J1900 Processor
- Fanless design
- Front panel IP65
- 2USB, 1COM, 1HDMI, 1LAN
- Support -10-50°C, wide temperature optional
- 265mm×185mm×32mm
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Industrial and Manufacturing, Warehousing and Logistics, Building and Construction, Medical, Field Maintenance and Service, Outdoor Survey and Surveying

TPC-1062A

Product Features

- 10.1 inch capacitive touch screen
- Powered by Intel® Celeron J1900 Processor
- Fanless design
- Front panel IP65
- 2USB, 1COM, 1HDMI, 1LAN
- Support -10-50°C, wide temperature optional
- 275mm×193mm×23.5mm
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Industrial and Manufacturing, Warehousing and Logistics, Building and Construction, Medical, Field Maintenance and Service, Outdoor Survey and Surveying

TPC-1082A

Product Features

- 10.1 inch capacitive touch screen
- Powered by Intel® 7th Generation I3-7100U/I5-7200U/I7-7500U
- Fanless design
- Front panel IP65
- 2USB, 1COM, 1HDMI, 1LAN
- Support -10-50°C, wide temperature optional
- 275mm×193mm×23.5mm
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Industrial and Manufacturing, Warehousing and Logistics, Building and Construction, Medical, Field Maintenance and Service, Outdoor Survey and Surveying

KLD-1061B

Product Features

- 10 inch five-wire Resistive Touch
- Intel® Celeron J1900 quad-core quad-thread Processor
- Fanless design
- Whole protection level IP67
- Stainless steel 304 waterproof aviation connector
- Support -10-60°C wide temperature
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Meat Processing Plants, Side Food Factories And Dairy Processing Plants.

UTC-S1592G

Product Features

- 15 inch Capacitive Touch
- Intel® Gen 10 Core-i Processor
- Fanless design
- Whole protection level IP67
- Stainless steel 304 waterproof aviation connector
- Support -10-60°C wide temperature
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Meat Processing Plants, Side Food Factories And Dairy Processing Plants.

UTC-W1592G

Product Features

- 15.6 inch Capacitive Touch
- Intel® Gen 10 Core-i Processor
- Fanless design
- Whole protection level IP67
- Stainless steel 304 waterproof aviation connector
- Support -10-60°C wide temperature
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Meat Processing Plants, Side Food Factories And Dairy Processing Plants.

UTC-W2192G

- 21.5 inch Capacitive Touch
- Intel® Gen 10 Core-i Processor
- Fanless design
- Whole protection level IP67
- Stainless steel 304 waterproof aviation connector
- Support -10-60°C wide temperature
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Meat Processing Plants, Side Food Factories And Dairy Processing Plants.

DTU live broadcast TPC-0782B

- i5-7200U Processor; 7-inch Industrial Touch Screen Display;
- 2LAN, 1USB 2.0, 1USB 3.0;
- 1SDI IN, 1HDMI IN, 1HDMI OUT, AUDIO;
- Public Network or 4G/5G Internet;
- Convenience; Low Data Transfer Latency;
- Direct Cloud Editing with High Efficiency and No Restrictions.
- 210mm×225mm×56mm
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Military and Security Fields, Outdoor Adventures and Scientific Expeditions, Building and Construction, Medical and Hospital Environments, Aerospace and Aviation Industry

G-1582B

Product Features

- 15.6 inch dual screen capacitive multi-touch LED screen
- Powered by Intel® Core® Processor I5-7200U/I7-7500U
- High-capacity lithium battery 6000mAH, battery life 6 hours
- Fan cooling
- 4USB, 4COM, 1VGA, 2LAN
- Support -10-50°C, wide temperature optional
- 411mm×315.5mm×90mm
- Compatible with Windows 7/10 and Linux Centos/Ubuntu.
- Product application: Military and Security Fields, Outdoor Adventures and Scientific Expeditions, Building and Construction, Medical and Hospital Environments, Aerospace and Aviation Industry, Special Research

CTN-1580K

Product Features

- Triple-screen integration, visible in sunlight
- Intel Gen10 Core 8 cores, 16 threads
- 3*HDMI, Audio, 4*USB 3.0, 2*LAN
- 4-hour ambient temperature battery life, with spare battery
- Robust aluminum alloy body, IP53 protection
- Highly integrated, portable operation
- Compatible with Win10/Linux systems
- Operating temperature: -10~70°C
- Product application: Military and Security Fields, Outdoor Adventures and Scientific Expeditions, Building and Construction, Medical and Hospital Environments, Aerospace and Aviation Industry, Special Research and Experiments
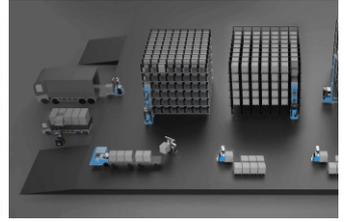
Machine Vision

Injection Molding Production Line

Spraying Production Line

Agv Unmanned Vehicle

Food Production Line

Tobacco Production Line

Textile Production Line

Turnstile Passage

Subway Recording System

Dynamic Loop Monitoring

Intelligent Sharing Cabinet

Digital Registration Bridge

Environmental Monitoring System

Intelligent Transportation

Emergency Command And Scheduling

Live Broadcast Of News Events

Smart Inspection

Smart Energy

Community Medical Care

More Examples

Customers

Haier	CIMC	OFILM
SAMSUNG	DELL	CHOW TAI FOOK
CETC	ABINVEV	XIAOMI
MIDEA	GREE	GE
CMMC	NARI	SAIC
GEELY	GWM	IFLYTEK
NISSAN	HIVE BOX	HONGDA
adias	KYE	HGTECH
BATCHSIGHT	GLORYSOFT	ORBIT
JINGZHONG	SHUANGHUI	CP GROUP

Note: The above is a part of CESIPC's cooperative clients, in no particular order.

After-Sales Service

Telephone Support

CESIPC offers 24/7 hotline support to better serve our customers. For assistance, please contact us at:

TEL: +86-0755-85286061
TEL: +86-0755-85286060
TEL: +86-138 2373 2621

Online Service

Our website (www.cesipc.com) provides access to motherboard drivers, solutions to common problems, and product specifications. Customers can log in to inquire, download resources, or contact CESIPC customer service online via

QQ: 430 388 658
email: sales@cesipc.com.

Repair Service

CESIPC offers repair and replacement services for both standard and customized products. Customers may send defective products directly to the CESIPC headquarters at:

CESIPC Repair Center
8th Floor, Block 1B, Shangzhi Science and Technology Park, Guangming Avenue, Guangming District

Global Service Station

For products beyond the warranty period, please contact CESIPC's agents, dealers, or business managers for consultation. On-site service is available across most regions of mainland China, with contract service engineers in North China, Northeast China, Northwest China, and other areas. Additionally, overseas agents in Vietnam, Thailand, Indonesia, and other countries provide fast and professional localized service.

Please ensure you back up your data before sending your product for repair, as data loss may occur during the repair process. CESIPC respects client privacy but is not responsible for data loss during maintenance. All products sent for repair must undergo inspection by the CESIPC Repair Center or an authorized repair service center to diagnose the fault. The service center will provide a repair plan to the customer. If no fault is found, the product will be returned as received. If the product does not meet warranty conditions and incurs charges, the CESIPC Repair Center or authorized service center will inform the customer of the repair costs.

WEBSITE

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