

INDUSTRIAL COMPUTER PRODUCT CATALOG

- Industrial Motherboards
- Fanless Embedded Box IPCs
- Fanless Module IPCS
- Industrial PCs
- Industrial Panel PCs
- Industrial Touch Displays
- Industrial Professional PCs

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BECOMING THE LEADER IN INDUSTRIAL COMPUTER SOLUTIONS

All product specifications are subject to change without notice

INDUSTRIAL COMPUTER PRODUCT CATALOG

Online Download: www.spestech.com

The world is undergoing profound changes from the industrial era to the intelligent era.

Suzhou Yuankong's industrial control brand SPES TECH adheres to the corporate mission of "making production more efficient and life more convenient because of our existence".

Our products include industrial computer motherboards, commercial computer motherboards, industrial system machines, industrial tablets, and plug and play computers. In the environment of cutting-edge technology leading change, we provide more competitive industry computer solutions for scenarios such as intelligent manufacturing, industrial automation, energy and environment, and smart cities, allowing data to seamlessly blend and industries to thrive.

This catalog aims to help you understand the matching between products and usage scenarios through the display of product models and specific data. We welcome communication with our professional technical partners to jointly build intelligent core driving forces with you.

SPES TECH



Suzhou Yuankong Eelectronic Technology Co., Ltd. (herein after as Suzhou Yuankong) , which belongs to the world-renowned IFPD provider – **CVTE** (stock code 002841) , focuses on the development of computer hardware product and sale service, product type including industrial computer motherboard, BOX PC, chassis computer, panel PC, OPS, etc.

Suzhou Yuankong adheres to people-oriented, takes talent training as the core essentials of enterprise development, meanwhile product technology leadership as the core competitiveness. These two-wheeled advantages promote the sustainable development of Suzhou Yuankong. Due to the solid technical foundation, design and development system, experimental equipments as well as quality management system, Suzhou Yuankong has won widespread recognition from customers in various industries.

At present, the application of Suzhou yuankong products have covered preface industries, such as intelligent manufactur-ing, photovoltaic lithium battery, smart education, smart cities, etc. which will continue to broaden industry tracks. Suzhou yuankong sets "To be the leader of industrial computer solution" as the vision, adheres to the mission of "The meaning of our existence is to make a world where production is more efficient, life is more convenient". Relying on the strong industrial advantages of CVTE, playing the effect of leading corporate effects, Suzhou Yuankong will continuously join hands with the majority of partners to create a win-win cooperation.

Philosophy

Experience Efficiency Innovation Win

Organizational Climate

Freedom Equality Generosity Sharing Ambition

Mission

Because of our existence,
Production is more efficient and life is more convenient

Vision

Becoming the leader
in industry computer solutions



Advantage

* Yuankong Belongs to CVTE, Advantage Data Source: CVTE Official and 2022 Annual Report.

Computility

High Technology Expertise¹

Engineering Technology Research Center³

National Grade

City Grade

Jiangsu Prov. Private Technology Enterprises²

2023 IOT Application Scenarios Brand⁴

ProvinceGrade

Technology

41 Postdoctoral Fellows In The CVTE Station

8000+ Granted Patents, 3000+ Computer Software Copyrights and Work Copyrights

2021 54th On The List of Chinese Enterprise Invention Authorized Patents

Development

Hardware, Layout, Structure ID, BIOS Software etc. 60% of R&D Personnel
vv

Supply Assurance

CVTE Supply Chain Integration Capability, Global Supply Assurance

East and North China Three Major Intelligent Manufacturing Production Bases Ensure Fast Delivery

Extraordinary Quality

CNAS Library Cost Over 100 Million Yuan, Covering An Area of 8000m²

APQP System Carry Out Precise Management Throughout Entire Chain, With 106+ Testing Items

[1]
2023 Nov. National HNTE Company Authentication

[2]
2023 Aug. Jiangsu Prov. Private Technology Enterprises

[3]
2023 Dec. Suzhou City Bureau of Science and Technology

[4]
2023 Dec. Beijing IOT Application Scenarios Brand

[5]
Temperature rise laboratory, safety regulation laboratory, environmental laboratory, oscilation laboratory – covering all tests from certification to electrical signals
30 reliability tests, 13 safety regulations tests, 18 electrical performance signal tests, 36 system function and compatibility tests, 9 electronic interference tests –106 full link tests



Corporate Structure



18

Marketing Service Center

Improve coverage
with Standard type

Professional Machine
Empowering industries

Serving customers
with Customized requirements



Suzhou R&D

2

Guangzhou R&D



Technology Research Center

Factory Operation



Three intelligent manufacturing production bases in East China and South China, and the CMES system provides guarantee for product quality and delivery.

Development Mode



IPD life cycle R&D management system:

Based on the accumulation of years of practice in the field of electronic industrial control, huge business volume, Suzhou Yuankong can build a flexible, robust, quick response, strict quality requirements of product development management process, to ensure the feasibility and reliability of projects and products.

Application Area

Intelligent Device Manufacturing

Dehumanization and intelligent equipment have become an important path for the transformation of the current manufacturing industry. The IPC products designer by Suzhou Yuankong provide highly reliable core computing units for equipment and facilities, and can be flexibly customized according to customer needs to maximize the production and operation of enterprises.



Intelligent Express

With the vigorous development of China's e-commerce industry, it also puts forward extremely high requirements for the manufacturing and logistics industries. Automatic sorting equipment and artificial intelligence have become one of the mainstream solutions for domestic manufacturing and logistics enterprises. The IPC designed by Suzhou Yuankong can meet the characteristics of the logistics sorting system for a long time and batch sorting of goods in the case of bad weather and people can not work for a long time, and effectively improve the production efficiency.



Smart Factory and IOT

In the era of industrial Internet of Things, the number of connected devices is increasing, and various kinds of data are growing explosively. As a new data computing architecture, the deep integration of edge computing and Internet of Things provides guarantee for the timeliness, security and scalability of data. Edge computing series products of Yuankong can add impetus to accelerate the development of IOT applications and help the industry maximize benefits in operation and business transformation.



Energy and Environment

The sustainable development of human society is closely related to the ecological environment. Advanced information technology with IPC as the carrier can realize the transparency of environmental protection data and the visualization of environmental monitoring, improve the level of environmental management, and empower the whole industrial chain of clean energy manufacturing and application, and promote environmental protection work more scientifically and effectively.



Intelligent City

With the commercialization of 5G technology, the rapid development of industries such as the Internet of Things, big data and artificial intelligence, our life is also becoming more convenient and intelligent. From smart transportation to smart government affairs, smart parks and other scenarios, computing equipment from Yuankong provides full-scene solutions and services, aiming to improve the efficiency of resource utilization, optimize urban government services and management, and effectively improve the quality of people's livelihood.



3C Retail

Consumption growth and the development of new technologies have promoted intelligent changes in the retail industry, unmanned retail, smart shelves, logistics monitoring, etc., while improving the operational efficiency of the industry, but also give consumers a higher sense of satisfaction. The IPC designed by Suzhou Yuankong provide high-quality core computing units for equipment, and promote the construction of the retail omni-channel ecological pattern.



CATALOGUE

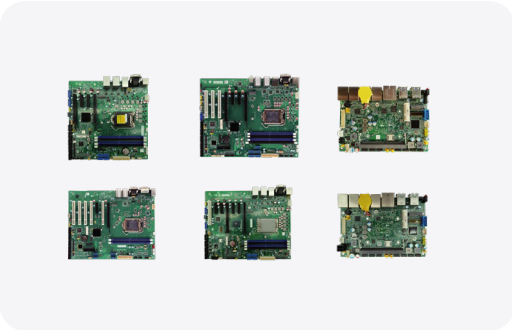
1.About Product Number: This Catalog divided into product development models and main sales models, transaction based on the actual sales models.

2.About Display: DP 1.2 supports 4K with the highest resolution 4096x2160@60Hz
HDMI 1.4 supports 4K with the highest resolution 3840x2160@30Hz

3.About Specificatio: All product specifications are subject to change without notice

CIB–Industrial Motherboards

Industrial ATX MB	P15
Industrial Micro–ATX MB	P17
Industrial Mini–ITX MB	P18
Industrial 3.5" MB	P20
Industrial 4" MB	P21
Full–height 4 port / 2 port Giga–LAN Card/PoE Card	P22
Industrial COMe MB	P24



CIS–Fanless Embedded Box IPCs

Fanless Embedded Box IPCs	P27
Fanless Module IPCS	P31



CIS–Industrial PCs

2U Desk–mount PC	P37
2U Rack–mount PC	P38
3U Desk–mount PC	P39
4U Desk–mount PC	P43
4U Rack–mount PC	P45

Professional PCs	Vision Controller	P51
	Financial Industrial PC with ZhaoXin Platform	P53
	Financial Industrial PC with Phytium Platform	P54



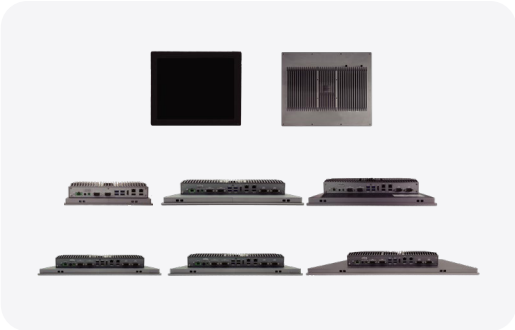
CIP–Industrial Panel PCs

10.1"	12.1"	P57–64
15"	15.6"	
17"	19"	21.5"

Professional PCs	Industrial PPC for Environmental Protection Industry	P65
	Industrial PPC for Woodworking Machinery Industry	P66

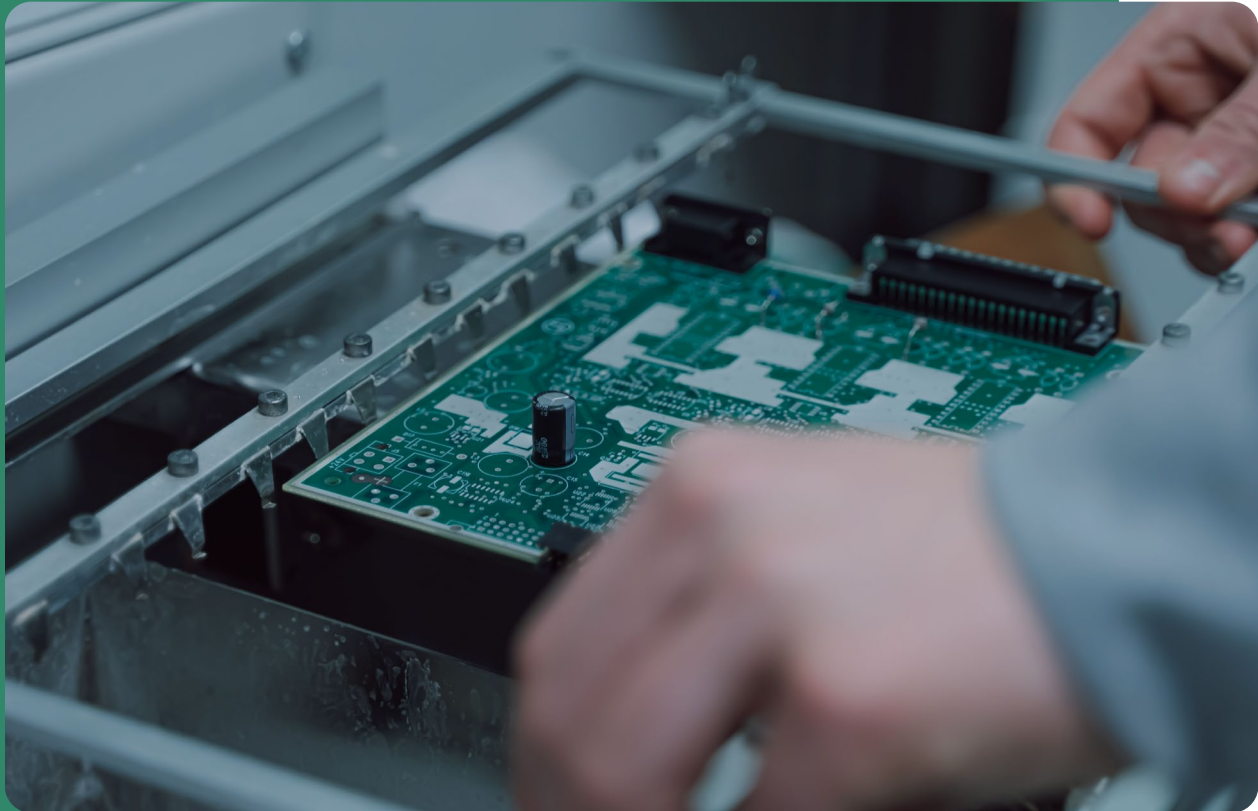
CID–Industrial Touch Displays

15"	15.6"	P67
17"	21.5"	



CIB Series

Industrial PC Motherboards



Based on various industrial application scenarios, we have designed multi-size computer boards such as ATX, Micro-ATX, Mini-ITX, 4 inch, 3.5 inch, etc. There are H110, Q170, Q470, Q670 series that support multiple expansion interfaces, as well as the small, cost-effective J1900, Elkhart Lake, Tigerlake UP3 series, which have multiple internal and external I/O interfaces to meet a variety of needs.

All product series can adapt “the remote switch” function and the unique OS Recovery owned by Suzhou Yuankong, providing customers with more convenient use and maintenance methods, and effectively reducing after-sales maintenance costs. At the same time, for machine vision, scientific instrument monitoring, motion control and other fields, we have designed a network interface expansion card with a number of PCIE interfaces, which can support 10/100/1000Mbps rate mode and adapt to a variety of dimensions of PC case.



Industrial ATX Motherboards

- Standard ATX dimensions, support 7 slots PCI, PCIe expand slots, support Intel® 6th/7th/10th/11th/12th/13th Generation Core i9/i7/i5/i3 / Pentium / Celeron CPU
- VGA / HDMI / DP++ / DVI multiple display modes, support hardware TPM, 16-bit programmable GPIO, KB lock, Case Open
- USB self-recovery, 5V/5VSB power optional, includes an internal USB type A interface for connecting devices such as watchdog



Industrial Micro-ATX Motherboards

- Standard Micro-ATX dimensions, support 4 slots PCI, PCIe expand slots, support Intel® 6th/7th/10th/11th/12th/13th Generation Core i9/i7/i5/i3 / Pentium / Celeron CPU
- VGA、HDMI、DP++、DVI multiple display modes, support hardware TPM, 16-bit programmable GPIO, KB lock, Case Open
- USB self-recovery, 5V/5VSB power optional, includes an internal USB type A interface for connecting devices such as watchdog



Industrial Mini-ITX Motherboards

- Standard Mini-ITX dimensions, support Intel® 6th/7th Generation Core i7/i5/i3 / Pentium / Celeron processor (up to 65W), single-slot PCI Expand, VGA / HDMI / DVI display
- Abundant I/O: 2 x SATA3.0, 4 x USB3.0, 4 x USB2.0, 2 x Intel GbEs, 6 x COM, Hardware TPM, 8-bit programmable GPIO, KB lock, Case Open
- USB self-recovery, 5V/5VSB power optional, includes an internal USB type A interface for connecting devices such as watchdog



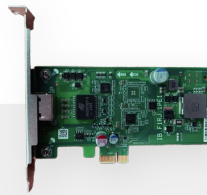
Industrial 3.5" Motherboards

- Industrial Standard 3.5" mainboard, carried Intel® Elkhart Lake Celeron J6412 and Intel® 11th Tigerlake UP3 etc. platform
- Support 12~24V Wide voltage input, abundant I/O: including 4 x Gigabit Ethernet port, 4 x slots, 6 x USB etc. and “HDMI / DP++ / LVDS/eDP ” Three way display function
- Remote SW, within OS Recovery function, featuring small size, low power consumption, and complete functionality, it can meet the vast majority of industrial needs in the market.



Industrial 4" Motherboards

- industrial 4" mainboard, support Intel® Celeron J1900 4 cores 2.0GHz CPU, with DDR3L SODIMM 1600/1333MHz up to 8G
- Abundant functions, VGA / HDMI and LVDS/eDP display
- I/O slots, remote SW, satisfy embedded installation and usage
- OS Recovery, effectively reduce after-sales maintenance costs, drive 4Q5W speaker slots and DC-in 12V power

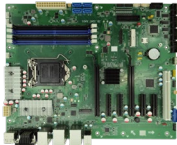


Full-height 4 port / 2 port Giga-LAN Card / PoE Card

- 4 port / 2 port Lan/PoE card multiple vision, PCIe expand slots
- Gigabit Lan mode or POE mode, bus interface PCI Express x 4, internet chip could choose Intel® I210AT / I211AT etc. speed 10/100/1000 Mbps self-adaption, POE power through PCIe, support IEEE 1588 and IEEE 802.3af, support jumbo frame (9,500 byte) and Link Aggregation
- Full-height and half-height demensions available, which can be paired with full height baffles to adapt to different sizes of chassis. The products are widely used in fields such as mechanical vision, scientific instruments and motion control



Development Number		CIB-IH11-XA01	CIB-IQ17-XA01
System	CPU	Intel®6th/7th, TDP up to 95W	
	Chipset	Intel®H110 Chipset	Intel®Q170 Chipset
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 64GB
	BIOS	AMI 128Mbit SPI Flash	
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Rear I/O	Interface	2 x RJ45 1 x Intel® I210-AT, 1 x Intel® I219-V	4 x RJ45 3 x Intel® I226-V, 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI (with optional dual display output via optional cable)	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA (third display output via optional cable)
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
	Slot	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)
	PS/2	1 x PS/2	/
	Slot	1 x PCIe x 16 (Gen3) 1 x PCIe x 4 (Gen2) 5 x PCI	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x 4 (Gen3) 3 x PCI
Expansion Slot	Slot	1 x Mini-PCIe 1 x M.2 2280 (with SATA1 multiplex)	1 x Mini-PCIe 1 x M.2 2280 (SATA)
Internal I/O	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A 2 x USB 2.0	1 x USB 2.0 Type-A, 4 x USB 2.0 2 x USB 3.2 (Gen1)
	SATA	4 x SATA 3.0	5 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	SIM	1 x SIM Card	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
	Power	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	-10℃~60℃, 60℃ 95%RH	
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing	
Mechanical	Deminsion	ATX Form Factor, 305 x 244mm	
Sales Model		CIB-IH11-XA01	CIB-IQ17-XA01



Development Number		CIB-IQ47-XA01	CIB-IQ47-XA02	CIB-IQ67-XA01
System	CPU	Intel®10th/11th, TDP up to 125W		Intel®12th/13th, TDP up to 125W
	Chipset	Intel®Q470 Chipset		Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB		
	BIOS	AMI 128Mbit SPI Flash		
	OS	Win 10-64bit; Linux		
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
Rear I/O	Interface	2 x RJ45 1 x Intel® I210-AT, 1 x Intel® I219-V		4 x RJ45 3 x Intel® I226-V, 1 x Intel® I219-V
	Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA (third display output via optional cable)		
	Audio	1 x Line-out, 1 x Mic-in		
	Slot	1 x RS232/422/485		
	USB	4 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1) 2 x USB 2.0	4 x USB 3.2 (Gen2) 2 x USB 2.0	2 x USB 3.2 (Gen2) 2 x USB 3.2 (Gen1)
	PS/2	/		
Expansion Slot	Slot	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x 4 (Gen3) 2 x PCIe x 1 (Gen1) 1 x PCI	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen3) 2 x PCI	2 x PCIe x 16 (Gen4, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen4) , 1 x PCIe x 1 (Gen3) 1 x PCI
	Slot	1 x M.2 2280 1 x Mini-PCIe	1 x M.2 2280	1 x Mini-PCIe 1 x M.2 2280, 1 x M.2 2230, 1 x M.2 3052
Internal I/O	COM	1 x RS232/422/485 4 x RS232		
	USB	1 x USB 2.0 Type-A, 2 x USB 2.0 2 x USB 3.1 (Gen1)	1 x USB 2.0 Type-A 2 x USB 2.0	1 x USB 3.2 (Gen1) Type-A, 2 x USB 2.0 2 x USB 3.2 (Gen1) , 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	3 x SATA 3.0, support Raid 0, 1, 5, 10	4 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out		
	SIM	1 x SIM Card	/	1 x SIM Card
	FAN	1 x CPU Fan 2 x System Fan		1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery		
	Front Panel	1 x Front Panel		
	Power	24Pin + 8Pin ATX Power		
Environmental	Op.temp/ Humidity	-10℃-60℃, 60℃ 95%RH		
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing		
Mechanical	Demission	ATX Form Factor, 305 x 244mm		
Sales Model		CIB-IQ47-XA01	CIB-IQ47-XA02	CIB-IQ67-XA01



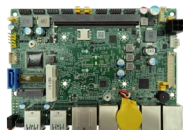
Development Number		CIB-IH11-MA01	CIB-IQ47-MA01	CIB-IQ67-MA01
System	CPU	Intel®6th/7th, TDP up to 95W	Intel®10th/11th, TDP up to 125W	Intel®12th/13th, TDP up to 125W
	Chipset	Intel®H110 Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 128G	4 x DDR4 U-DIMM, Max to 128GB
	BIOS	AMI 128Mbit SPI Flash		
	OS	Win 7-32/64bit; Win 10-64bit; Linux	Win 10-64bit; Linux	
	Watchdog	System Reset, Rrogrammable 255 levels timer interval, From 1-255 sec/min		
Rear I/O	Interface	2 x RJ45 1 x Intel® I210-AT, 1 x Intel® I219-V	4 x RJ45 3 x Intel® I226-V, 1 x Intel® I219-V	
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI (with optional dual display output via optional cable)	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA (third display output via optional cable)	
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in	
	Slot	1 x RS232/422/485		
	USB	6 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)	4 x USB 3.2 (Gen2)
	PCIe/PCI	1 x PCIe x16 (Gen3) 1 x PCIe x4 (Gen2) 2 x PCI	2 x PCIe x16 (Gen3, 1 x16 or 2 x8) 2 x PCIe x4 (Gen3)	2 x PCIe x16 (Gen4, 1 x16 or 2 x8) 2 x PCIe x4 (Gen4)
Expansion Slot	Slot	1 x Mini-PCIe 1 x M.2 2280 (SATA)	1 x Mini-PCIe 1 x M.2 2280	1 x Mini-PCIe 1 x M.2 2230, 1 x M.2 3052, 1 x M.2 2280
Internal I/O	COM	1 x RS232/422/485 4 x RS232		
	USB	1 x USB 2.0 Type-A 2 x USB 2.0	1 x USB 3.2 Type-A (Gen1) , 2 x USB 2.0 4 x USB 3.2 (Gen1)	1 x USB 3.2 (Gen1) , 2 x USB 2.0 2 x USB 3.2 (Gen1) , 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bit GPIO, 8in/8out		
	SIM	1 x SIM Card		
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan	
	OS Recovery	1 x OS Recovery		
	Front Panel	1 x Front Panel		
	Power	24Pin + 8Pin ATX Power		
	Environmental	Op.temp/ Humidity	-10℃ ~ 60℃, 60℃ 95%RH	
Storage.temp/ Humidity		-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing		
Mechanical	Deminsion	244 x 244mm		
Sales Model		CIB-IH11-MA01	CIB-IQ47-MA01	CIB-IQ67-MA01



Development Number		CIB-IH11-IC01
System	CPU	Intel®6th/7th, TDP up to 65W
	Chipset	Intel®H110 Chipset
	Memory	2 x DDR4 SO-DIMM, Max to 32GB
	BIOS	AMI 128Mbit SPI Flash
	OS	Win 7~32/64bit; Win 10~64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Rear I/O	Interface	2 x RJ45 1 x Intel® I210-AT, 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in
	Slot	1 x RS232/422/485
	USB	4 x USB 3.2 (Gen1) , 4 x USB 2.0
	Remote	1 x Remote ON-OFF
	PCIe	1 x PCIe x16 (Gen3)
Expansion Slot	Slot	1 x M.2 2242 (SATA 3.0) , 1 x Mini-PCIe
Internal I/O	COM	1 x RS232/422/485 4 x RS232
	USB	1 x USB 2.0 Type-A 2 x USB 2.0
	SATA	2 x SATA 3.0
	GPIO	1 x 8bit GPIO, 4in/4out
	FAN	1 x CPU Fan 1 x System Fan
	LVDS	1 x LVDS/eDP
	OS Recovery	1 x OS Recovery
	Front Panel	1 x Front Panel
	Power	24Pin + 4Pin ATX Power / 4Pin 12V DC-IN Power
Environmental	Op.temp / Humidity	-10℃ ~ 60℃, 60℃ 95%RH
	Storage.temp/Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing
Mechanical	Dimension	170 x 170 mm
Sales Model		CIB-IH11-IC01



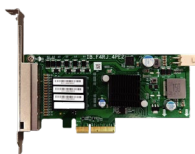
Development Number		CIB-IJ19-ID01
System	CPU	Intel®Bay Trail Celeron® J1900
	Memory	1 x DDR3L SO-DIMM, Up to 8GB
	BIOS	AMI 64 Mbit SPI Flash
	OS	Win 7-32/64bit; Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Rear I/O	Interface	2 x RJ45: 1 x RJ45 Co-lay 2 x USB 2.0 Controller Realtek RTL8111H
	Display	1 x VGA 1 x HDMI 1.4
	Audio	1 x Line-out, 1 x Mic-in
	USB	1 x USB 3.0 1 x USB 2.0, 2 x USB 2.0 Co-lay RJ45
	OS Recovery	1 x OS Recovery
Internal I/O	Expansion Slot	1 x M.2 2280, 1 x M.2 2230 1 x Mini-PCIe
	COM	5 x RS232, 1 x RS485
	USB	6 x USB 2.0
	SATA	1 x SATA 2.0
	SATA Power	1 x 4Pin SATA Power
	GPIO	1 x 8bit GPIO, 4in/4out
	FAN	1 x CPU Fan
	LVDS	1 x LVDS
	Front Panel	1 x Front Panel
	Power	1 x DC JACK, 4Pin ATX Power
Environmental	Op.temp / Humidity	-10℃ ~ 60℃, 60℃ 95%RH
	Storage.temp / Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing
Mechanical	Dimension	170 x 170 mm
Sales Model		CIB-IJ19-ID01



Development Number		CIB-IELK-TW01	CIB-ITLU-TW01
System	CPU	Intel®Elkhart Lake J6412	Intel®11th Tiger Lake i3-1115G4/i5-1135G7/i7-1165G7
	Memory	1 x DDR4 SO-DIMM, Up to 32GB	1 x DDR4 SO-DIMM, Up to 32 GB
	BIOS	AMI 128Mbit SPI Flash	
	OS	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Rear I/O	Interface	4 x RJ45: 4 x Intel® I210-AT	4 x RJ45 3 x Intel® I210-AT, 1 x Intel® I219-V
	Display	1 x HDMI 1.4 1 x DP 1.2	
	USB	4 x USB 3.2 (Gen1)	4 x USB 3.2 (Gen2)
	LED	1 x Power LED, 1 x HDD LED	
	OS Recovery	1 x OS Recovery	
	Expansion Slot	1 x Mini-PCIe 1 x M.2 2242 (SATA 3.0) , 1 x M.2 2230	
Internal I/O	Display Slot	1 x LVDS/eDP Co-lay	
	COM	2 x RS232/422/485, 2 x RS232	
	USB	2 x USB 2.0	
	SATA	1 x SATA 3.0	
	GPIO	1 x 8bit GPIO, 4in/4out	
	FAN	1 x CPU Fan	
	Audio	1 x Audio (Line-out&Mic-in)	
	Front Panel	1 x Front Panel	
	Power	12V~24V DC in	
Environmental	Op.temp/ Humidity	-10℃ ~ 60℃, 60℃ 95%RH	
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing	
Mechanical	Dimension	146 x 102 mm	
Sales Model		CIB-IELK-TW01	CIB-I15G-TW01 CIB-I35G-TW01 CIB-I65G-TW01



Development Number		CIB-IJ19-TD01
System	CPU	Intel®Bay Trail Celeron® J1900
	Memory	1 x DDR3L SO-DIMM, Up to 8GB
	BIOS	AMI 128Mbit SPI Flash
	OS	Win-7/32/64bit; Win-10/64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Rear I/O	Interface	2 x RJ45 1 x Intel® I210-AT
	Display	1 x VGA 1 x HDMI 1.4
	Audio	1 x Audio (Line out + Mic in)
	Remote	1 x Remote ON-OFF
	LED	1 x Power LED, 1 x HDD LED
	USB	1 x USB 3.0, 3 x USB 2.0
	Slot	1 x RS232/422/485
	Power Button	1 x Power Button
Internal I/O	Display Slot	1 x M.2 2242 (SATA 2.0) , 1 x M.2 2230 1 x Mini PCIe
	COM	2 x RS232 1 x UART (TX/RX)
	USB	2 x USB 2.0
	SATA	1 x SATA 2.0
	I2C	1 x I2C
	FAN	1 x CPU Fan, 1 x System Fan
	LVDS	1 x LVDS
	OS Recovery	1 x OS Recovery
	Front Panel	1 x Front Panel
	Power	12V DC in
Environmental	Op.temp/ Humidity	-10℃ ~ 60℃, 60℃ 95%RH
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing
Mechanical	Dimension	165 x 115mm
Sales Model		CIB-IJ19-TD01



Development Number		CIB-4LAN-350A		CIB-4LAN-210D	
Interface Communication	Bus interface	PCI Express x 4, PCIe (Gen2)			
	Networking Chip	Intel® I350-AM4, IEEE 1588		Intel® I210-AT, IEEE 1588	
	Physical Interface	4 x RJ45, 10/100/1000 Mbps			
	Compatibility	1000Base-T ; IEEE 802.3af Compliant ; 15.4W@48VDC Power Output (each slot)			
	Support	Jumbo Frame (9,500 byte) and Link Aggregation			
	Cable Demand	Cat 5e or Cat 6, Maximum Length of 100m			
Power Demand	Power Input	Pass through PCIe Slot, or 12V AT/ATX System Power Input Maximal 3A @ 3.3V From PCI Express Bus Maximal 5.6A @ 12V Directly From PCI Express Bus			
	Power Consumption	Max. 60W w/ 4 x PoE Power Load			
OS	OS Support	Win-7/32/64bit; Win-10/64bit; Linux			
Environmental	Op.temp/ Humidity	-10℃ ~ 60℃, 60℃ 5%~ 95%RH			
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing			
Mechanical	Demension	168 x 69mm, Default with Full-Height, Compatible with Half-Height		150 x 112mm, only support Full-Height	
Sales Model		CIB-4LAN-350A		CIB-4LAN-210D	



Development Number		CIB-4LAN-210C	CIB-2LAN-210A
Interface Communication	Bus interface	PCI Express x 4, PCIe (Gen2)	
	Networking Chip	Intel® I210-AT, IEEE 1588	Intel® I210-AT, IEEE 1588
	Physical Interface	4 x RJ45, 10/100/1000 Mbps	2 x RJ45, 10/100/1000 Mbps
	Compatibility	1000Base-T ; IEEE 802.3af Compliant ; 15.4W@48VDC Power Output (each slot)	
	Support	Jumbo Frame (9,500 byte) and Link Aggregation	
	Cable Demand	Cat 5e or Cat 6, Maximum Length of 100m	
Power Demand	Power Input	Pass through PCIe Slot, or 12V AT/ATX System Power Input Maximal 3A @ 3.3V From PCI Express Bus Maximal 5.6A @ 12V Directly From PCI Express Bus	
	Power Consumption	Max. 60W w/ 4 x PoE Power Load	Max. 35W w/ 4 x PoE Power Load
OS	OS Support	Win-7/32/64bit; Win-10/64bit; Linux	
Environmental	Op.temp/ Humidity	-10℃ ~ 60℃, 60℃ 5%~ 95%RH	
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing	
Mechanical	Demension	181.4 x 68.9mm, Default with Full-Height, Compatible with Half-Height	150 x 112mm, only support Full-Height
Sales Model		CIB-4LAN-210C	CIB-2LAN-210A

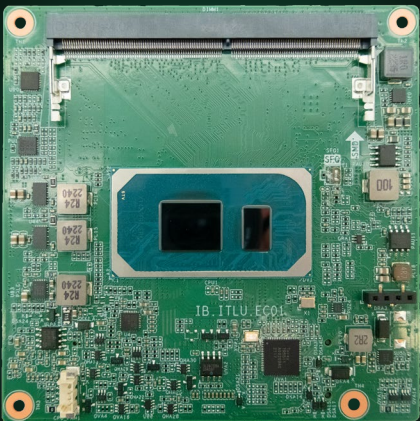
NEW

CIB-ITLU-EC01

Within

intel.

11th Core™ CPU
Tiger Lake UP3



CIB



Suitable for different application scenarios

COM-Express Compact Type 6

Under the premise of low power consumption

Providing real-time and efficient high graphics performance and

responsiveness rich cutting-edge I/O technology

reliable engineering design

and excellent quality assurance

especially applied in fields such as artificial intelligence, medical,

military, and industrial automation

NEW



Development Model		CIB-ITLU-EC01
System	CPU	Intel® Core i3-1115G4/i5-1135G7/i7-1165G7 i3-1115GRE/i5-1145GRE/i7-1185GRE/6305E
	Memory	1 x DDR4, Up to 32G
	BIOS	AMI 128Mbit SPI Flash
	OS	Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Slot	Interface	1 x Intel® I226-V
	Display	1 x LVDS (Co-lay eDP 4096 x 2304@60Hz) 3 x DDI Support Configurable HDMI/DispalyPort
	Expansion Slot	1 x PCIe x 4 (Gen4) 5 x PCIe x 1 (Gen3)
	SATA	2 x SATA 3.0
	USB (3.2)	4 Ports (10 Gbps)
	USB 2.0	8 Ports (480 Mbps)
	COM	2 x COM (2-Wire TX/RX)
	GPIO	1 x 8bit GPIO, 4in/4out
	CAN	1 x CAN (Co-lay COM)
	TPM	1 x TPM2.0 (Optional)
	LPC	Yes
	SPI Bus	Yes
	I2C Bus	Yes
	SM Bus	Yes
	FAN	Smart Fan 2 Ports: 1 Port On COM Module (Input Voltage: 5V) ; 1 Port On Carrier Board
	Power Type	ATX: Vin, VSB; AT: Vin
Environmental	Op.temp/ Humidity	Standard Temp -10℃ ~ 60℃ , Wide Temp -40℃ ~ 85℃ 40℃ 95%RH, Non-Condensing
	Storage.temp/ Humidity	-40℃ ~ 85℃, 60℃ 95%RH, Non-Condensing
Mechanical	Demension	95 x 95mm
Sales Model		CIB-ITLU-EC01

CIS Series

Fanless Embedded Box IPCs

Fanless Module IPCS



With complete functions, sturdy casing, and flexible body, meeting the needs of various industrial scenarios. Adopting a sealed structure design to cope with more stringent operating environments, selecting different processors to meet different performance and rich I/O interface requirements.

For fields such as machine vision, 3C detection, robotics, and AI, to meet the diverse expansion needs of customers, an expandable BOXPC is designed, which can support up to four slot PCI or PCIE expansion.

All product series can adapt “the remote switch” function and the unique OS Recovery owned by Suzhou Yuankong, providing customers with more convenient use and maintenance methods, and effectively reducing after-sales maintenance costs



PJI9

- CIS-PJI9-LW01
- Intel® Atom J1900 4 cores 2.0G CPU
- 12~24V wide voltage input
- Stable Intel® gigabit Ethernet port, 2 x slots, 6 x USB, VGA+HDMI
- CPU detection alarm light can provide real-time feedback on the product's condition
- Stable operation in ambient temperatures ranging from -20°C to 60°C, with support for rail, desktop, and wall mounting, meeting the application needs of different fields



PTLU

- CIS-PJI9-LW01, fanless high-performance edge PC
- Intel® 11th Tigerlake UP3
- 12~24V wide voltage input
- Stable 4 x Intel® gigabit Ethernet port,
- GPIO, CAN 2.0 , 4K HDMI, DP++
- OS Recovery



PELK Ultrathin

- CIS-PELK-LW01
- Intel® ElkhartLake J6412 CPU
- 12~24V wide voltage input
- Stable 4 x Intel® gigabit Ethernet port,
- 4K HDMI, DP++
- Rail, desktop, and wall-mounting can meet the application needs of different fields
- OS Recovery function



RTLU

- CIS-RTLU-LW01
- Intel® 11th 10nm process
- 12~24V wide voltage input
- 4 x Intel® gigabit Ethernet port,
- Max to 8 slots, 6 x USB, 8-bit programmable GPIO
- VGA+HDMI
- OS Recovery function



XSKL Series

- Desk-mount module BOX PC
- Adopting Intel® 6th/7th/8th/9th high performance CPU, support 19 ~ 24V wide voltage input, basic type support 4 x Intel®Giga-bit Ethernet port, 8 x USB, max to 6 slots, 16-bit programmable GPIO, support DP+VGA+HDMI display (Q170 platform)
- 2~4 slots though expansion card, so to be PCIe x 16, PCIe x 4 or PCIe slots, refer to machine vision, 3C detecting, robotic, AI etc.

*All products come in different configurations, and the appearances shown on this page are for reference only.



Development Number		CIS-PJ19-LW01	CIS-PELK-LW01	CIS-PELK-LW02
System	CPU	Intel®Bay Trail Celeron® J1900	Intel®Elkhart Lake J6412	
	Momory	1 x DDR3L SO-DIMM, Up to 8GB	1 x DDR4 SO-DIMM, Up to 32GB	
	OS	Win 7-32/64bit, Win 10-64bit; Linux	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
External I/O	Interface	2 x RJ45: 2 x Intel® I210-AT	4 x RJ45: 4 x Intel® I210-AT	
	Display	1 x VGA 1 x HDMI 1.4	1 x HDMI 1.4 1 x DP 1.2	
	Audio	1 x Audio (Line-out&Mic-in 2 in 1)	/	
	Slot		2 x RS232/422/485	
	USB	1 x USB 3.2 (Gen1) , 5 x USB 2.0	4 x USB 3.2 (Gen1)	
	GPIO/COM	/	1 x 8bit GPIO, 4in/4out / 1 x RS232, Co-lay with GPIO at DB9 interface 1 x RS232	
	Button	1 x Power Button		
	OS Recovery	1 x OS Recovery		
	LED	1 x HDD LED, 1 x ALARM LED	1 x HDD LED ; 1 x Power LED	
	Remote	1 x Remote ON-OFF	/	
Internal I/O	Expansion	2 x Mini-PCle 1 x M.2 2242 (SATA 3.0) , 1 x M.2 2230	1 x Mini-PCle 1 x M.2 2242 (SATA 3.0) , 1 x M.2 2230	
	COM	2 x RS232		
	USB	2 x USB 2.0		
	SATA	1 x SATA 3.0		
	GPIO	1 x 8bit GPIO, 4in/4out	1 x 8bit GPIO, 4in/4out (If GPIO function output with DB9 interface, then there is no this GPIO Header)	
Power	Power Type	12~24V DC in, 2Pin Phoenix Terminal		
	Op.temp/ Humidity	-20℃ ~ 60℃ (SSD) b60℃ 95%RH (SSD)	-20℃ ~ 60℃ (SSD) 60℃ 95%RH (SSD)	-20℃ ~ 50℃ (SSD, with 0.7m/s Air Flow) 50℃ 95%RH (SSD)
Environmental	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing		
	Random Vibration	5-500Hz, 2Grms (SSD) Operation		
	Sine Vibration	5-500Hz, 2G Non-Operation		
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms		
Mechanical	Mounting	Default:Desk-Mount, Wall-Mount Optional: DIN-Rail		
	Dimension	159 x 129 x 38mm	Default: 204 x 120 x 72mm	Ultrathin: 192 x 111 x 45 mm
Certification	Safety Certification	CCC		
Sales Mode		CIS-PJ19-LW01	CIS-PELK-LW01	CIS-PELK-LW02



Development Number		CIS-PELK-HT01
System	CPU	Intel®Elkhart Lake N6210
	Memory	1 x DDR4 SO-DIMM, Up to 32GB
	OS	Win 10-64bit, Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
External I/O	Interface	2 x RJ45: 2 x Intel® I210-AT
	Display	1 x HDMI 1.4
	USB	1 x USB 3.2 (Gen1) , 1 x USB 2.0
	Bottom	1 x Power Button
	OS Recovery	1 x OS Recovery
	LED	1 x HDD LED, 1 x 5G LED
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x M.2 3052
	COM	1 x RS232
	USB	2 x USB 2.0
	GPIO	1 x 8bit GPIO, 4in/4out
Power	Power Type	12~24V DC in, 2Pin Phoenix Terminal
Environmental	Op.temp/ Humidity	-20℃ ~ 60℃ (SSD) , 60℃ 95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing
	Random Vibration	5~500Hz, 2Grms (SSD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
Mechanical	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
	Mounting	DIN-Rail
Certification	Dimension	130 x 105 x 38mm
	Safety Certification	CCC
Sales Mode		CIS-P210-HT01



Development Number		CIS-PTLU-LW01
System	CPU	Intel®11th i3/i5/Celeron Tiger Lake i3-1115G4/i5-1135G7
	Memory	1 x DDR4 SO-DIMM, Up to 32 GB
	OS	Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
External I/O	Interface	4 x RJ45: 3 x RJ45 Intel® I210-AT 1 x RJ45 Intel® I219-V
	Display	1 x HDMI 1.4 1 x DP 1.2
	COM	2 x RS232/422/485
	USB	4 x USB 3.2 (Gen2)
	GPIO/COM	1 x 8bit GPIO, 4in/4out / 1 x RS232, Co-lay with GPIO at DB9 interface 1 x RS232
	Bottom	1 x Power Button
	OS Recovery	1 x OS Recovery
	LED	1 x HDD LED; 1 x Power LED
Internal I/O	Expansion	1 x Mini-PCle 1 x M.2 2242 (SATA 3.0) 1 x M.2 2230
	COM	2 x RS232
	USB	2 x USB 2.0
	SATA	1 x SATA 3.0
	GPIO	1 x 8bit GPIO, 4in/4out (If GPIO function output with DB9 interface, then there is no this GPIO Header)
Power	Power Type	12~24V DC in, 2Pin Phoenix Terminal
Environmental	Op.temp/ Humidity	-20℃ ~ 50℃ (SSD) , 50℃ 95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing
	Random Vibration	5~500Hz, 2Grms (SSD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
Mechanical	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
	Mounting	Default: Desk-Mount, Wall-Mount Optional: DIN-Rail
Mechanical	Dimension	204 x 120 x 72mm
Certification	Safety Certification	CCC
Sales Model		CIS-P15G-LW01 CIS-P35G-LW01



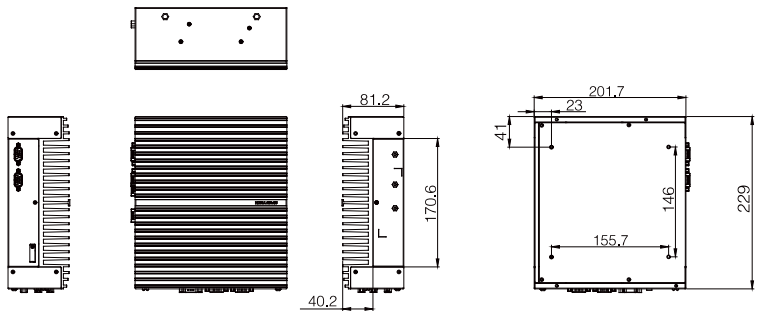
Development Number		CIS-RJ19-LW01	CIS-RTLW-LW01	CIS-RELK-LW01
System	CPU	Intel®Bay Trail Celeron® J1900	Intel®11th i7/i5/i3/Celeron Tiger Lake i3-1115G4/i5-1135G7/i5-1155G7/i7-1165G7	Intel®Elkhart Lake J6412
	Memory	1 x DDR3L SO-DIMM, Up to 8 GB	1 x DDR4 SO-DIMM, Up to 32 GB	1 x DDR4 SO-DIMM, Up to 32 GB
	OS	Win 7-32/64bit, Win 10-64bit; Linux	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
External I/O	Interface	2 x RJ45: 2 x Intel® I210-AT	4 x RJ45: 1 x RJ45 Intel® I226-V 3 x RJ45 Intel® I210-AT	4 x RJ45: 1 x RJ45 Intel® I226-V 3 x RJ45 Intel® I210-AT
	Display	1 x VGA 1 x HDMI 1.4	1 x HDMI 1.4 1 x VGA	1 x HDMI 1.4 1 x DP 1.2
	Audio	1 x Audio (Line-out&Mic-in 2 in 1)		
	COM	4 x RS232/422/485 2 x RS232 2 x RS485		4 x RS232/422/485 2 x RS232
	USB	1 x USB 3.2 (Gen1) , 5 x USB 2.0	2 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1) 2 x USB 2.0	4 x USB 3.2 (Gen1) , 2 x USB 2.0
	GPIO/COM	1 x 16bit GPIO, 8in/4out	1 x 8 bit GPIO, 4in/4out	2 x 8bit GPIO, 8in/8out (DB9接口)
	Bottom	1 x Power Button		
	OS Recovery	1 x OS Recovery		
	LED	1 x HDD LED, 1 x ALARM LED		
	Remote	1 x Remote ON-OFF		
Internal I/O	Expansion	1 x Mini-PCle 1 x Mini-PCle (USB) 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230	1 x Mini-PCle 1 x M.2 3052 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230	1 x Mini-PCle 1 x M.2 3052 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230
	USB	2 x USB 2.0		
	SATA	1 x SATA 3.0		
	GPIO	/	1 x 8bit GPIO, 4in/4out	/
Power	Power Type	12~24V DC in, 2Pin Phoenix Terminal		
Environmental	Op.temp/ Humidity	-20℃ ~ 60℃ (SSD) , 0℃ ~ 40℃ (HDD) , 60℃ 95%RH (SSD)		
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing		
	Random Vibration	5~500Hz, 2Grms (SSD) Operation , 5~500Hz, 1Grms (HDD) Operation		
	Sine Vibration	5~500Hz, 2G Non-Operation		
	Shock	Operation: 10G@11ms, Non-Operation:20G@11ms		
Mechanical	Mounting	Default: Desk-Mount, Wall-Mount		
	Dimension	245 x 153 x 58 mm		
Certification	Safety Certification	CCC, CE, FCC, IC, UKCA	CCC	CCC, CE, FCC, IC, UKCA
Sales Model		CIS-RJ19-LW01	CIS-R15G-LW01 CIS-R35G-LW01 CIS-R65G-LW01	CIS-R412-LW01



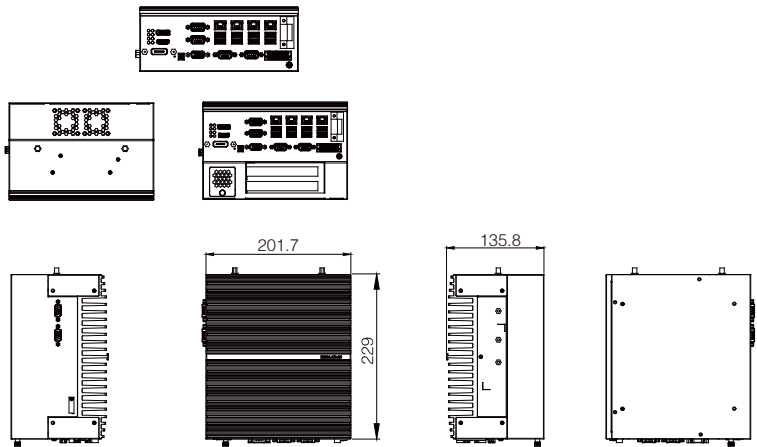
Development Number		CIS-XSKL-LW01
System	CPU	Intel®6th/7th/8th/9th, TDP up to 65W
	Chipset	Intel®Q170 Chipset
	Memory	2 x DDR4 SO-DIMM, Up to 32GB
	OS	Win 7-32/64bit, Win 10-64bit; Linux (Support Win 7 when supply Intel®6th Skylake Platform)
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
External I/O	Interface	4 x RJ45: 1 x Intel® I219-LM 3 x Intel® I210-AT
	Display	1 x HDMI 1.4, 1 x DP 1.2, 1 x VGA, 3 Asynchronous Independent Display
	Audio	1 x Line-out, 1 x MIC
	COM	4 x COM: COM1 ~ 2 (RS232/422/485) TX/RX 3KV Isolation Line; COM3 ~ 4 (RS232/422/485)
	USB	6 x USB 3.0, 2 x USB 2.0
	GPIO	1 x 16bit GPIO, 8in/8out
	Bottom	1 x Power Button
	OS Recovery	1 x OS Recovery
	LED	1 x HDD LED, 1 x COM1 TX1, 1 x COM1 RX1, 1 x COM2 TX2, 1 x COM2 RX2, 1 x Wi-Fi, 1 x 4G, 1 x Custom Detectable Signal
Internal I/O	Remote	1 x Remote ON-OFF
	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x M.2 3042/3052
	USB	1 x USB 2.0 Type-A
	COM	2 x RS232
	SATA	2 x SATA 3.0
	FAN	2 x System Fan
Module Card	2-Slot Expansion Card	1 x PCIe x 16, 1 x PCIe x 4 or 1 x PCIe x 16, 1 x PCI
	3-Slot Expansion Card	1 x PCIe x 16, 2 x PCI or 1 x PCIe x 16, 2 x PCIe x 4 or 1 x PCIe x 16, 1 x PCIe x 4, 1 x PCI
	4-Slot Expansion Card	1 x PCIe x 16, 1 x PCIe x 4, 2 x PCI
Power	Power Type	19~24V DC in, 4Pin Phoenix Terminal
Environmental	Op.temp/ Humidity	45/65W CPU, -10℃ ~ 40℃ (SSD) 35W CPU, -10℃ ~ 50℃ (SSD) 0℃ ~ 40℃ (HDD) 50℃ 95%RH (35W CPU SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing
	Random Vibration	5~500Hz, 1Grms (HDD) Operation 5~500Hz, 2Grms (SSD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Shcok	Operation: 10G@11ms, Non-Operation:20G@11ms
Mechanical	Mounting	Desk-Mount, Wall-Mount
	Demension	229 x 202 x 82mm Basic 229 x 202 x 134mm Two-Slot 229 x 202 x 156mm Three-Slot 229 x 202 x 174mm Four-Slot
Certification	Safety Certification	CCC, CE, FCC, IC, UKCA
Sales Model		CIS-XQ17-LW01 CIS-XQ17-LW02 CIS-XQ17-LW03 CIS-XQ17-LW04

■ Dimention

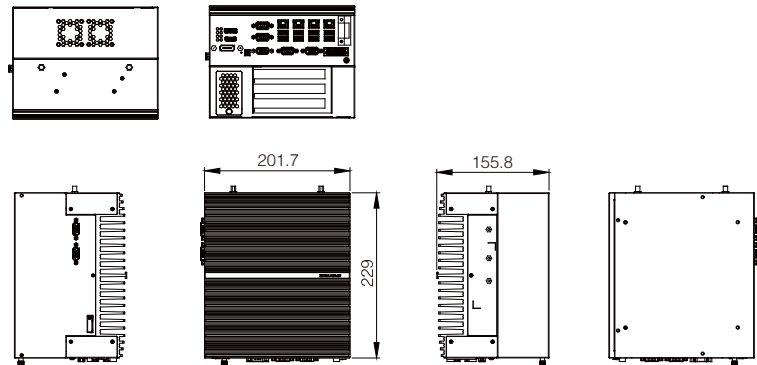
(Basic)



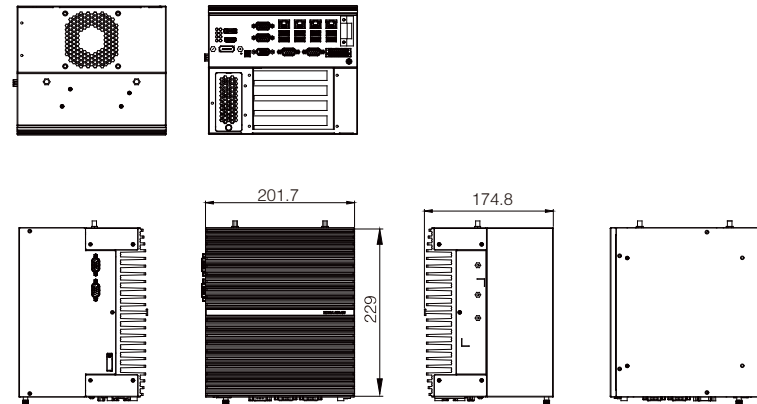
(Two Slot)



(Three Slot)



(Four Slot)



CIS Series

Industrial BOX PCs



New design 2U、3U、4U different demension desk-mpunt and rack-mount, diversified extension interfaces and efficient heat dissipation, with Intel®CORE series over 6th CPU, realize the perfect combination of excellent performance and multiple expansion booths.

All product series can adapt “the remote switch” function and the unique OS Recovery owned by Suzhou Yuankong, providing customers with more convenient use and maintenance methods, and effectively reducing after-sales maintenance costs

2U Desk / Rack-mount PC



- Adopting industrial standred 2U Desk/Rack-mount chassis, support Intel 6th/7th/8th/9th Generation Core i7/i5/i3/Pentium/Celeron etc. CPU. Coming with full hardware function, support VGA/HDMI/DP++display, support 1 x PCIE x 16 (Gen3) half-heightexpansion slot, and 4 x USB 3.2, 4 x USB 2.0, 2 x Intel LAN, 4 x COM,support 2.5" HDD (SATA 3.0), 8-bit programmable GPIO, hardware TPM module, USB Type-A dongle etc.
- The structure features hand-turned screws for tool-free maintenance, replaceable dust filters, and not only delivers outstanding performance but also offers complete functionality to meet the needs of most industrial applications.

3U Desk-mount PC



- 3U PCs,designed for outstanding performance demands and richer expansion requirements, pairing Intel® 6th~13th Generation Core i7/i5/i3/Pentium/Celeron etc. CPU.
- Support 4~7slots PCIE/PCI expansion slots , wide space inside, could add module graphics card, mechanical hard drive, expansion card etc. , strong heat dissipation feature, support 0℃~40℃(HDD)consistently stable operation, abundant I/O slots by motherboards。For safety operation, equipped with Case open, USB dongle, TPM module, OS Recoveryetc. function. Installation is conducted with hand-turned screws, allowing for tool-free maintenance and easy replacement of the dust filter. Available in compact, standard, and extended versions.

4U Desk / Rack-mount PC



- 4U Desk/Rack-mount PCs, fully advantages of high performance, large demension 4U-PCs provide big expandable space-and high-performance cooling equipment.
- Adaptable to smart frequency mode after debugging, abundant front and rear I/O slots,stremlly expansion function , with 7-slot PCIE/PCI expansion slots, pairing Intel® 6th~13th Generation Core i7/i5/i3/Pentium/Celeron etc. CPU, fully release that could support max 4 x 3.5"HDD(SATA) , adopting safety equipment(TPM, dongle, Case open etc.) , The system can fully satisfy the needs of industrial application scenarios that require a large number of connected devices or a significant number of computing units.

*All products come in different configurations, and the appearances shown on this page are for reference only.

4U Desk / Rack-mount PC

H110

Q170

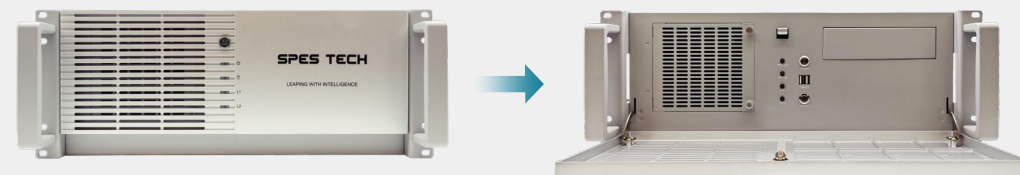
Q470

Q670

Appearance 1



Appearance 2



*All new 4U comes with two appearance, the front panel adopts an aluminum alloy die-casting integrated molding process, which can be opened through safety locks and rotating foot chains. The appearance is shown in the above picture.

特性

- Intel® 6th~13th Gen. Core™ i7/i5/i3/Pentium®/Celeron® etcCPU
- The body has extremely high corrosion resistance and stability, greatly improving product reliability
- Using hand screws, replaceable dust screen, 5.25 inches ODD expansion
- Max to 5x 20T 3.5 inches HDD expansion
- support 3090series Dual slot large-sized graphics card
- Front panel with Power LED / HDD LED / LAN LED
- OS Recovery function , effectively reducing daily maintenance costs
- support at maximum 7 DB9 connector and 7 inserted expansion slot
- support at maximum 1250W PSU, and also be compatible with RPS
- REMOTE / LPT , suitable for industrial application environments
- Suitable Laser welding, AOI testing, OLED testing etc. scenarios

Industrial Professional PCs

Vision Controuller

- Based on Intel® Comet Lake H410 platform Machine vision controller
- Support Intel® 10th CPU, with 6 x Intel® Gigabit Ethernet port, 4 of them support PoE
- The USB interface has a locking function to meet the connection requirements for smart cameras
- At the same time, the product has GPIO function with 8in/8out isolation
- Paired with a wide voltage design of 19~36V, it meets the needs of different on-site environments
- Supports expandable PCIe x 16 slots and interfaces for light source control cards, increasing scalability



CIS-IH41-HR01

Financial Industrial PC with ZhaoXin Platform

- ZhaoXin platform , KX-6780A
- Support UOS, up to 32GB of memory and 2 storage hard drives
- Up to 12 COM ports and 18 USB ports, meeting the multi serial port requirements of the financial industry
- Simultaneously supporting PCIe x 8 interface, expandable graphics card and other devices
- The whole machine adopts a quick disassembly design with hand screws, making updating, maintenance and daily maintenance more convenient.



CIS-Z60E-FC01



Development Number		CIS-BSKL-FIS1
System	CPU	Intel®6th/7th/8th/9th, TDP up to 65W
	Chipset	Intel®H110 Chipset
	Memory	2 x DDR4 SO-DIMM, Max to 32GB
	OS	Win 7-32/64bit; Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Expansion	Slot	1 x PCIe x16 (Gen3) , Half-Height Card
Front I/O	Switch	1 x Power Button
	LED	1 x HDD LED
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in
	COM	1 x RS232/422/485
	USB	4 x USB 3.0, 4 x USB 2.0
	Remote	1 x Remote ON-OFF
	Antenna Hole	2 x Antenna Hole
Internal I/O	Expansion	1 x Mini-PCle 1 x M.2 2242
	COM	1 x RS232/422/485 4 x RS232
	USB	1 x USB 2.0 Type-A
	SATA	2 x SATA 3.0
	GPIO	1 x 8 bit GPIO, 4in/4out
	LVDS	1 x LVDS
	FAN	1 x CPU Fan 1 x System Fan
	OS Recovery	1 x OS Recovery
	Front Panel	1 x Front Panel
Power	Power Type	Flex-ATX PSU
	Slot	24Pin + 4Pin ATX Power
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 40℃ 95%RH (HDD)
	Random Vibration	5~500Hz, 2Grms (SSD) Operation 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Shock	Operation: 10G@11ms, Non-operation: 20G@11ms
Mechanical	Demension	250 x 265 x 88mm
	Mounting	Desk-Mount
Certification	Safety Certification	CCC
Sales Model		CIS-BH11-FIS1



Development Number		CIS-BSKL-FAR1	CIS-BCML-FAR1
System	CPU	Intel®6th/7th/8th/9th, TDP up to 65W	Intel®10th/11th, TDP up to 65W
	Chipset	Intel®Q170 Chipset	Intel®Q470 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 64GB	4 x DDR4 U-DIMM, Max to 128GB
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Front I/O	Switch	1 x Power Button	
	LED	1 x power LED, 1 x HDD LED, 2 x LAN LED	
Rear I/O	Interface	4 x RJ45: 3 x Intel® I226-V 1 x Intel®I219-V	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V
	Display	1 x DP 1.2 1 x HDMI 1.4 1 x VGA	
	Audio	1 x Line-out, 1 x Mic-in	
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen 1)	4 x USB 3.2 (Gen 2) , 2 x USB 3.2 (Gen 1) 2 x USB 2.0
	Expansion	1 x Mini-PCle 1 x M.2 2280 (SATA/NVMe)	
	COM	1 x RS232/422/485 4 x RS232	
Internal I/O	USB	1 x USB 2.0 Type-A, 2 x USB 2.0 2 x USB 3.2 (Gen 1)	1 x USB 2.0 Type-A 2 x USB 3.2 (Gen 1)
	SATA	5 x SATA 3.0, support Raid 0, 1, 5, 10	4 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	
	OS Recovery	1 x OS Recovery	
Power	Power Type	ATX Redundant Power System	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Mounting	Rack-Mount	
	Demension	485 x 426.5 x 88.5 mm	485 x 426.5 x 88.5 mm
Certification	Safety Certification	CCC	CCC, CE, FCC, IC, UKCA
Sales Model		CIS-BQ17-FAR1	CIS-BQ47-FAR1



Development Number		CIS-CH11-FA01	CIS-CH11-FALC
System	CPU	Intel®6th/7th/8th/9th, TDP up to 95W	Intel®6th/7th/8th/9th, TDP up to 65W
	Chipset	Intel®H110 Chipset	
	Memory	2 x DDR4 U-DIMM, Max to 32GB	
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	1 x PCIe x16 (Gen3) 1 x PCIe x4 (Gen2) 2 x PCI	
Front I/O	Switch	1 x Power Button	
	LED	/	1 x HDD LED, 1 x PWR LED
	USB	2 x USB 2.0	
	OS Recovery	/	1 x OS Recovery
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display	
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	
	COM	1 x RS232/422/485	
Internal I/O	USB	6 x USB 3.2 (Gen1) , 2 x USB 2.0	
	Expansion	1 x Mini-PCIe 1 x M.2 2280	
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A	
	SATA	2 x SATA 3.0	
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan, 2 x System Fan	
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	Flex ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5-500Hz, 2Grms (SSD) Operation, 5-500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5-500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	330 x 260 x 155mm	260 x 300 x 135mm
	Mounting	Desk-Mount)	
Certification	Safety Certification	CCC, CE, FCC, IC, UKCA	CCC
Sales Model		CIS-CH11-FA01	CIS-CH11-FALC



Development Number		CIS-CCML-FMC1	CIS-CADL-FMC1
System	CPU	Intel®10th/11th, TDP up to 65W	Intel®12th/13th, TDP up to 65W
	Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB	
	OS	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	2 x PCIe x16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x4 (Gen3)	2 x PCIe x16 (Gen4, 1 x 16 or 2 x 8) 2 x PCIe x4 (Gen4)
Front I/O	Switch	1 x Power Button	
	LED	1 x HDD LED, 1 x PWR LED	
	USB	2 x USB 2.0	
	OS Recovery	1 x OS Recovery	
Rear I/O	Interface	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V	
	Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display	
	Audio	1 x Line-out; 1 x Mic-in	
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen1)	4 x USB 3.2 (Gen2)
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280, SATA/NVME PCIE x4 SSD	1 x Mini-PCIe 1 x M.2 2230 1 x M.2 3052 1 x M.2 2280
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 3.2 (Gen1) Type-A 4 x USB 3.2 (Gen1)	1 x USB 3.2 (Gen1) Type-A 2 x USB 3.2 (Gen1) 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 3 x System Fan	
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	Flex ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5-500Hz, 2Grms (SSD) Operation, 5-500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5-500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	260 x 300 x 135mm	
	Mounting	Desk-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-CQ47-FMC1	CIS-CQ67-FMC1



Development Number		CIS-CSKL-FAS1	
System	CPU	Intel®6th/7th/8th/9th, TDP up to 65W	Intel®6th/7th/8th/9th, TDP up to 65W
	Chipset	Intel®H110 Chipset H110	Intel®Q170 Chipset Q170
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 64GB
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	1 x PCIe x16 (Gen3) 1 x PCIe x4 (Gen2) 5 x PCI	2 x PCIe x16 (Gen3, 1 x16 or 2 x8) 2 x PCIe x4 (Gen3) 3 x PCI
Front I/O	Switch	1 x Power Button	
	LED	1 x HDD LED, 1 x PWR LED	
	USB	2 x USB 2.0	
	OS Recovery	1 x OS Recovery	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)
	PS/2	1 x PS/2	/
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (与SATA1复用)	1 x Mini-PCIe 1 x M.2 2280 (SATA)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A	1 x USB 2.0 Type-A 2 x USB 2.0 2 x USB 3.2 (Gen1)
	SATA	4 x SATA 3.0	5 x SATA 3.0, 支持 Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	Flex ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	Standard 330 x 300 x 135mm Prolong 330 x 340 x 135mm	
	Mounting	Desk-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-CH11-FAS1	CIS-CQ17-FAS1



Development Number		CIS-CCML-FAS1	CIS-CADL-FAS1
System	CPU	Intel®10th/11th, TDP up to 65W	Intel®12th/13th, TDP up to 65W
	Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB	
	OS	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	2 x PCIe x16 (Gen3, 1 x16 or 2 x8) 3 x PCIe x4 (Gen3) 2 x PCI	2 x PCIe x16 (Gen4, 1 x16 or 2 x8) 3 x PCIe x4 (Gen4) ,1 x PCIe x1 (Gen3) 1 x PCI
Front I/O	Switch	1 x Power Button	
	LED	1 x HDD LED, 1 x PWR LED	
	USB	2 x USB 2.0	
	OS Recovery	1 x OS Recovery	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display	
	Audio	1 x Line-out, 1 x Mic-in	
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1) 2 x USB 2.0	2 x USB 3.2 (Gen2) 2 x USB 3.2 (Gen1)
	PS/2	/	
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA/NVMe)	1 x Mini-PCIe (USB) 1 x M.2 2230 1 x M.2 3052 (PCIE/USB) 1 x M.2 2280 (SATA/NVME)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A 2 x USB 3.1 (Gen1)	1 x Vertical USB 3.2 (Gen1) Type-A 2 x USB 3.2 (Gen1) 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	Flex ATX Power	
	Slot	24Pin + 8Pin ATX 12V Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	Standard 330 x 300 x 135mm Prolong 330 x 340 x 135mm	
	Mounting	Desk-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-CQ47-FAS1	CIS-CQ67-FAS1



Development Number		CIS-DSKL-FAS1	
System	CPU	Intel®6th/7th/8th/9th, TDP up to 65W	
	Chipset	Intel®H110 Chipset H110	Intel®Q170 Chipset Q170
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 64GB
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	1 x PCIe x 16 (Gen3) 1 x PCIe x 4 (Gen2) 5 x PCI	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x 4 (Gen3) 3 x PCI
Front I/O	Switch	1 x Power Button	
	LED	1 x HDD LED, 1 x PWR LED	
	USB	2 x USB 2.0	
	OS Recovery	1 x OS Recovery	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)
	PS/2	1 x PS/2	/
	Expansion	1 x Mini-PCle 1 x M.2 2280 (Multiplexing SATA1)	1 x Mini-PCle 1 x M.2 2280 (SATA)
Internal I/O	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A	1 x USB 2.0 Type-A 2 x USB 2.0 2 x USB 3.2 (Gen1)
	SATA	4 x SATA 3.0	5 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	330 x 300 x 175mm	
	Mounting	Desk-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-DH11-FAS1	CIS-DQ17-FAS1



Development Number		CIS-DCML-FAS1	CIS-DADL-FAS1
System	CPU	Intel®10th/11th, TDP up to 65W	Intel®12th/13th, TDP up to 65W
	Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB	
	OS	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen3) 2 x PCI	2 x PCIe x 16 (Gen4, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen4) , 1 x PCIe x 1 (Gen3) 1 x PCI
Front I/O	Switch	1 x Power Button	
	LED	1 x HDD LED, 1 x PWR LED	
	USB	2 x USB 2.0	
	OS Recovery	1 x OS Recovery	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V GbE	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display	
	Audio	1 x Line-out, 1 x Mic-in	
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1) 2 x USB 2.0	2 x USB 3.2 (Gen2) 2 x USB 3.2 (Gen1)
	PS/2	/	
	Expansion	1 x Mini-PCle 1 x M.2 2280 (SATA/NVMe)	1 x Mini-PCle (USB) 1 x M.2 2230 1 x M.2 3052 (PCIe/USB) 1 x M.2 2280 (SATA/NVMe)
Internal I/O	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A 2 x USB 3.1 (Gen1)	1 x USB 3.2 (Gen1) Type-A 2 x USB 3.2 (Gen1) 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	330 x 300 x 175mm	
	Mounting	Desk-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-DQ47-FAS1	CIS-DQ67-FAS1



Development Number		CIS-DH11-FA01	CIS-DQ17-FA01
System	CPU	Intel®6th/7th/8th/9th, TDP up tp 95W	
	Chipset	Intel®H110 Chipset	Intel®Q170 Chipset
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 64GB
	OS	Win7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	1 x PCIe x 16 (Gen3) 1 x PCIe x 4 (Gen2) 5 x PCI	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x 4 (Gen3) 3 x PCI
Front I/O	LED	1 x Power, 1 x Reset 1 x KBlock, 1 x KBlock LED 1 x Power LED, 1 x HDD LED	
	USB	2 x USB 2.0	
Rear I/O	OS Recovery	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Interface	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display
	Display	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
	Audio	1 x RS232/422/485	
	COM	4 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)
	USB	1 x PS/2	/
Internal I/O	PS/2	1 x Mini-PCle (Multiplexing SATA1 PCIe x 4) 1 x M.2 2280 (Multiplexing SATA1)	1 x Mini-PCle 1 x M.2 2280 (SATA)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A	1 x USB 2.0 Type-A 2 x USB 2.0 2 x USB 3.2 (Gen1)
	SATA	4 x SATA 3.0	5 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃,60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	430 x 450 x 177mm	
	Mounting	Rack-Mount	
Certification	Safety Certification	CCC, CE , FCC , IC, UKCA	CCC
Sales Model		CIS-DH11-FA01	CIS-DQ17-FA01



Development Number		CIS-DQ47-FA01	CIS-DADL-FA01
System	CPU	Intel®10th/11th, TDP up to 125W	Intel®12th/13th, TDP up to 125W
	Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB	
	OS	Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	Slot	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen3) 2 x PCI	2 x PCIe x 16 (Gen4, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen4) , 1 x PCIe x 1 (Gen3) 1 x PCI
Front I/O	LED	1 x Power, 1 x Reset 1 x KBlock, 1 x KBlock LED 1 x Power LED, 1 x HDD LED	
	USB	2 x USB 2.0	
Rear I/O	OS Recovery	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Interface	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display	
	Display	1 x Line-out, 1 x Mic-in	
	Audio	1 x RS232/422/485	
	COM	4 x USB 3.2 (Gen2) , 2 x USB3.2 (Gen1) 2 x USB 2.0	2 x USB 3.2 (Gen2) 2 x USB 3.2 (Gen1)
	USB	/	
Internal I/O	Expansion	1 x Mini-PCle 1 x M.2 2280 (SATA/NVMe)	1 x Mini-PCle (USB) 1 x M.2 2230 1 x M.2 3052 (PCIe/USB) 1 x M.2 2280 (SATA/NVMe)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A 2 x USB3.2 (Gen1)	1 x USB 3.2 (Gen1) Type-A 2 x USB 3.2 (Gen1) 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃,60℃ 95%RH, Non-Condensing	
	Random Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	430 x 450 x 177mm	
	Mounting	Rack-Mount	
Certification	Safety Certification	CCC, CE, FCC, IC, UKCA	CCC
Sales Model		CIS-DQ47-FA01	CIS-DQ67-FA01



Development Number		CIS-DSKL-FAR1	
System	CPU	Intel®6th/7th/8th/9th, TDP up to 95W	
	Chipset	Intel®H110 Chipset H110	Intel®Q170 Chipset Q170
	Memory	2 x DDR4 U-DIMM, Max to 32GB	4 x DDR4 U-DIMM, Max to 64GB
	OS	Win 7-32/64bit; Win 10-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	SLOT	1 x PCIe x 16 (Gen3) 1 x PCIe x 4 (Gen2) 5 x PCI	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 2 x PCIe x 4 (Gen3) 3 x PCI
Front I/O	开关/LED	1 x Power Button, 1 x OS Recovery 1 x Power LED, 1 x HDD LED 2 x LAN LED	
	USB	2 x USB 2.0	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x VGA, 1 x HDMI 1.4, 1 x DVI 2 Asynchronous Independent Display	1 x DP 1.2, 1 x HDM 1.4, 1 x VGA 3 Independent Display
	Audio	1 x Line-in, 1 x Line-out, 1 x Mic-in	1 x Line-out, 1 x Mic-in
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0	4 x USB 3.2 (Gen1)
	PS/2	1 x PS/2	/
Internal I/O	Expansion	1 x Mini-PCle 1 x M.2 2280 (Multiplexing SATA1)	1 x Mini-PCle 1 x M.2 2280 (SATA)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A	1 x USB 2.0 Type-A 2 x USB 2.0 2 x USB 3.2 (Gen1)
	SATA	4 x SATA 3.0	5 x SATA 3.0, support Raid 0, 1, 5, 10
	GPIO	1 x 16bit GPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power, Support Redundant Power System	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Ranbom Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	512 x 482 x 177 mm	
	Mounting	Rack-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-DH11-FAR1	CIS-DQ17-FAR1

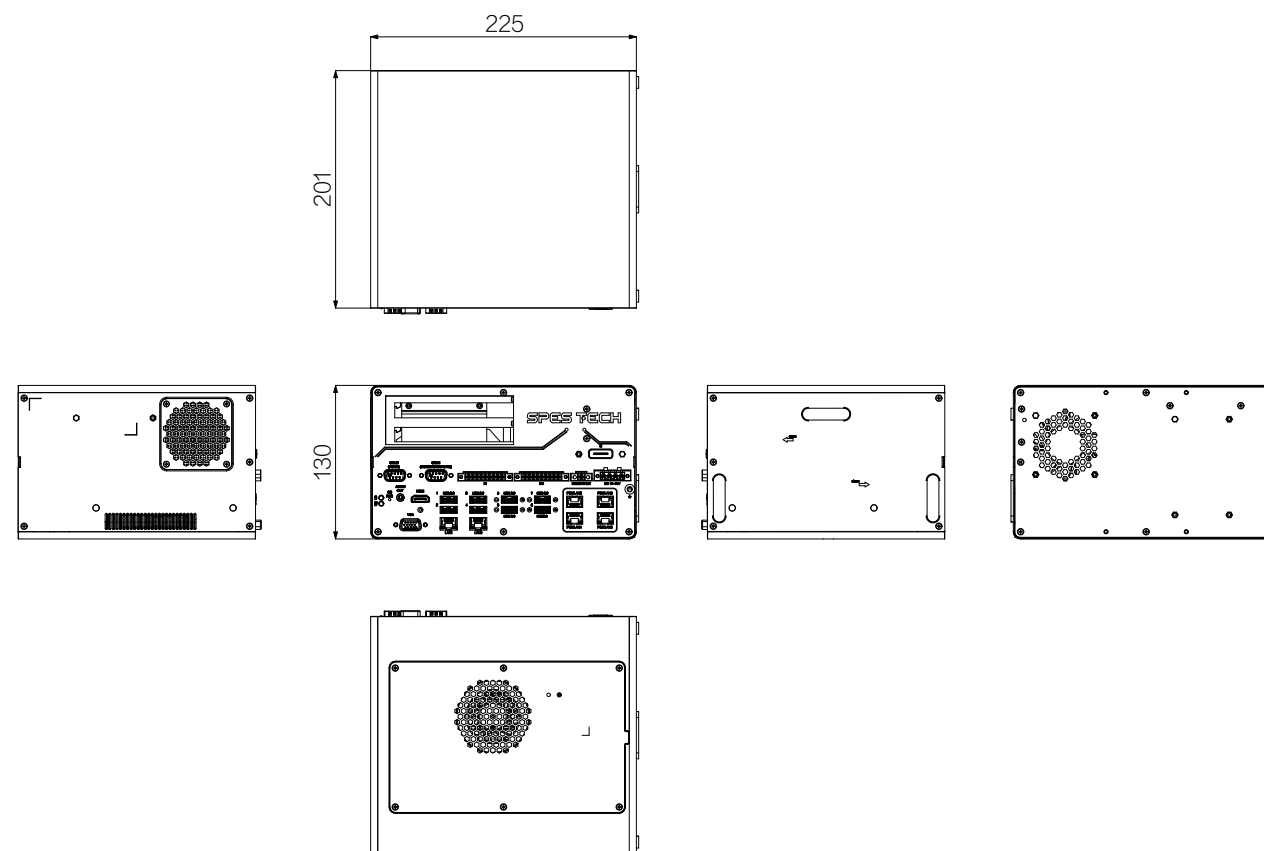


Development Number		CIS-DCML-FAR1	CIS-DADL-FAR1
System	CPU	Intel®10th/11th, TDP up to 125W	Intel®12th/13th, TDP up to 125W
	Chipset	Intel®Q470 Chipset	Intel®Q670 Chipset
	Memory	4 x DDR4 U-DIMM, Max to 128GB	
	OS	Win-10/64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
Expansion	SIOT	2 x PCIe x 16 (Gen3, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen3) 2 x PCI	2 x PCIe x 16 (Gen4, 1 x 16 or 2 x 8) 3 x PCIe x 4 (Gen4) , 1 x PCIe x 1 (Gen3) 1 x PCI
Front I/O	Switch/LED	1 x Pwer Button, 1 x OS Recovery 1 x Power LED, 1 x HDD LED 2 x LAN LED	
	USB	2 x USB 2.0	
Rear I/O	Interface	2 x RJ45: 1 x Intel® I210-AT 1 x Intel® I219-V	4 x RJ45: 3 x Intel® I226-V 1 x Intel® I219-V
	Display	1 x DP 1.2, 1 x HDMI 1.4, 1 x VGA 3 Independent Display	
	Audio	1 x Line-out, 1 x Mic-in	
	COM	1 x RS232/422/485	
	USB	4 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1) 2 x USB 2.0	2 x USB 3.2 (Gen2) , 2 x USB 3.2 (Gen1)
	PS/2	/	
Internal I/O	Expansion	1 x Mini-PCle 1 x M.2 2280 (SATA/ NVMe)	1 x Mini-PCle (USB) 1 x M.2 2230 1 x M.2 3052 (PCIe/USB) 1 x M.2 2280 (SATA/NVME)
	COM	1 x RS232/422/485 4 x RS232	
	USB	1 x USB 2.0 Type-A 2 x USB3.2 (Gen1)	1 x USB 3.2 Gen1 Type-A 2 x USB 3.2 (Gen1) 2 x USB 3.2 (Gen2)
	SATA	4 x SATA 3.0, support Raid 0, 1, 5, 10	
	GPIO	1 x 16bitGPIO, 8in/8out	
	FAN	1 x CPU Fan 2 x System Fan	1 x CPU Fan 3 x System Fan
	OS Recovery	1 x OS Recovery	
	Front Panel	1 x Front Panel	
Power	Power Type	ATX Power, Support Redundant Power System	
	Slot	24Pin + 8Pin ATX Power	
Environmental	Op.temp/ Humidity	0℃ ~ 40℃ (HDD) , 40℃ 95%RH (HDD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing	
	Ranbom Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
Mechanical	Demension	512 x 482 x 177 mm	
	Mounting	Rack-Mount	
Certification	Safety Certification	CCC	
Sales Model		CIS-DQ47-FAR1	CIS-DQ67-FAR1



Development Number		Vision Controller CIS-IH41-HR01
System	CPU	Intel®10th/11th, Up to 65W
	Chipset	Intel®H410 Chipset
	Memory	2 x DDR4 SO-DIMM, Max up to 64G
	OS	Win 10~64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Expansion	Slot	1 x PCIeX16, support Full-Height / Half-Height Card
External I/O	Interface	6 x Intel® RJ45 2 x Intel® RJ45, For Communication, Intel® I210-AT 4 x Intel® RJ45 (POE) , Intel® I210-AT, 15.4W
	Display	1 x HDMI 1.4, With Screw Hole To Be Locked 1 x VGA
	USB	4 x USB3.2 (Gen1) 4 x USB2.0
	Audio	1 x Line out, 3.5mm
	COM	1 x RS232/422/485 1 x RS232
	DIO/GPIO	2 x 8bit GPIO, 8in/8out (1.5KV Optical Coupling Isolation)
	LED	1 x CPU Temperature Alarm Light, 1 x HDD/SSD Status LED
	OS Recovery	1 x OS Recovery
	Button	1 x Power Button
	Remote	1 x Remote ON/OFF
Power	Type	19~36VDC, 4Pin DC in, Phoenix Terminal
Environmental	Op.temp/ Humidity	-10~50℃ (SSD) , 0~40℃ (HDD) , 40℃ 95%RH (HDD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing
	Ranbom Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Shock	Operation: 10G@11ms, Non-Operation: 20G@11ms
Mechanical	Demension	225 x 201.5 x130mm
	Mounting	Desk-Mount, DIN-Rail)
Certification	Safety Certification	CCC
Sales Model		CIS-IH41-HR01

■ Dimention





Development Number		Financial Industrial PC with ZhaoXin Platform CIS-Z60E-FC01
System	CPU	ZHAOXIN KX-6000E Series, 70W Max, MAInly pusher 6780A Platform
	Chipset	ZX-200
	Memory	2 x DDR4 SO-DIMM, Max to 32GB
	OS	Win 7/8/10; Linux; UnionTech UOS V20
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
Rear I/O	Interface	2 x RJ45 2 x Intel® I210-AT
	Display	1 x VGA 1 x DVI
	Audio	1 x Line-out, 1 x Mic-in, 1 x Line-in
	COM	2 x RS232/422/485 10 x RS232
	USB	4 x USB 3.0 (including USB2.0) 16 x USB 2.0, support 18 x USB2.0 Max
	PS/2	1 x PS/2 Slot, two-in-one
	Switch	1 x Power Button
	Reset	1 x Reset
	Remote	1 x Remote ON-OFF
	PICe Expansion	1 x PCIe x 8 (Gen 3)
Internal I/O	LVDS	1 x LVDS
	Expansion	2 x SATA3.0, 1 x M.2 2280 (SATA)
	GPIO	1 x 8bit GPIO, 4in/4out
	OS Recovery	1 x OS Recovery
	Safety	1 x TCM Slot
Power	Type	350W Flex ATX Power
	Slot	24Pin + 4Pin ATX Power
Environmental	Op.temp/ Humidity	-10℃ ~ 55℃ (SSD) , 0℃ ~ 45℃ (HDD) , 45℃ 90%RH (HDD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing
	Ranbom Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
Mechanical	Demension	330 x 300 x 135 mm
	Mounting	Desk-Mount, Wall-Mount
	Structure Design	135mm, Compatible with DVD structure, Support 2 x HDD inside
Certification	Safety Certification	CCC
Sales Model		CIS-Z60E-FC01



Development Number		Financial Industrial PC with Phytium Platform CIS-CD20-FAGD
System	CPU	Phytium D2000/8 Standard, 2.3Ghz, TDP up to 40W
	Memory	2 x DDR4 SO-DIMM, a single one maximum 16G, total maximum 32G
	Storage	1 x M.2 2280 SSD (SATA 3.0) 1 x 2.5/3.5" HDD
	OS	Kylinsoft; UnionTech UOS V20 etc.
Rear I/O	Interface	2 x RJ45 YT8521SC-CA
	Audio	1 x Line-out, 1 x Mic-in, 1 x Line-in
	USB	6 x USB 2.0 8 x USB 3.0
	COM	10 x RS232
	Switch	1 x Power Button
	LED	1 x PWR LED, 1 x HDD LED
	Reset	1 x Reset
	Config Connctor	1 x Config Connector for Debug
Internal I/O	PCIe	1 x PCIe x16 (Gen 3)
	HDD	2 x SATA3.0 (With SATA Power/4P)
	SDD	1 x M.2 2280 (SATA3.0)
	GPIO	1 x 8bit GPIO, 4in/4out
	WiFi	1 x M.2 2230
Power	Safety	1 x TCM
	In put	AC100~240V, 50Hz/60Hz
	Type	ATX
Environmental	Supply power	Flex-ATX 200W
	Op.temp/ Humidity	-10℃ ~ 55℃ (SSD) , 0℃ ~ 45℃ (HDD) , 45℃ 95%RH (HDD)
	Storage.temp/ Humidity	-40℃ ~ 70℃, 60℃ 95%RH, Non-Condensing
	Ranbom Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
Mechanical	Demension	225 mm x 215 mm x 115 mm
	Mounting	Desk-Mount, Wall-Mount
Certification	Safety Certification	CCC
Sales Model		CIS-CD20-FAGD

CIP Series

Industrial Panel PCs



Industrial Panel PCs, abundant function, exquisite fuselage, within J1900 / Elkhart Lake / Tigerlake UP3 / Coffee Lake-U / Kaby Lake-U etc. different platform to settle for demands.

Panel PC Displays support 10.1 / 12.1 / 15 / 15.6 / 17 / 19 / 21.5 inches etc. dimension TFT LCD with 5-Wire Resistive Touch / P-cap Multi-Touch, adopting 12~24V or 9~36V wide pressure power, sealing structure, IP65 dust prevention water proofing designs and power detecting LED display, WiFi, 4G module expansion, support USB self-recovery function.

All product series can adapt unique OS Recovery owned by Suzhou Yuankong, providing customers with more convenient use and maintenance methods, and effectively reducing after-sales maintenance costs.

CID Series

Industrial Touchscreen Displays



Industrial touchscreen displays, adopting 5-Wire Resistive Touch / P-cap Multi-Touch, The full plane design is more beautiful and fashionable, and with the front panel LED display status lights, the product status can be easily understood.

IP65/IP66 dust prevention water proofing designs, adapt to various harsh industrial site environments. Supports three different display interface inputs, suitable for different customer on-site PC expansion display needs.

OSD control button, provide convenient operation plan with different mounting type, 15 / 15.6 / 17 / 21.5 inches etc. optional, paired with industrial computers, it can also achieve diversified industrial application scenarios, which can meet the needs of most industrial applications.



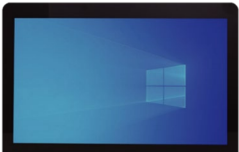
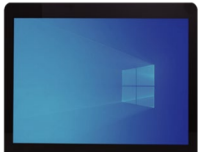
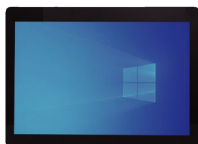
Development Number		CIP-W10R-J191	CIP-S12R-J191
System	CPU	Intel®Bay Trail Celeron® J1900	
	Memory	1 x DDR3L SO-DIMM, up to 8GB	
	OS	Win 7-32/64bit; Win 10/-64bit; Linux	
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min	
External I/O	Interface	2 x Intel® I210-AT	
	Display	1 x HDMI 1.4	
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)	
	COM	2 x RS232/422/485	
	USB	1 x USB 3.2 (Gen1) , 5 x USB 2.0	
	Remote	1 x Remote ON-OFF	
	Power Input	1 x 2Pin Phoenix Terminal	
	Power Switch	1 x Power Button	
	OS Recovery	1 x OS Recovery	
	Expansion	1 x Mini-PCle 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card	
Internal I/O	COM	2 x RS232	
	USB	2 x USB 2.0	
	GPIO	/	
	SATA	1 x SATA 3.0	
Touch Screen	Touch Screen	5-Wire Resistive Touch; P-cap Multi-Touch	
	Touch	35,000,000 Times	
Display	Demension	10.1"	12.1"
	Resolution Ratio	1280 (H) x 800 (V)	1024 (H) x 768 (V)
	Screen Aspect Ratio	16:9	4:3
	Brightness	500 nits	500 nits
	Visible Range	216.96 x 135.60mm	245.76 x 184.32mm
	LCD Demension	230.7 (W) x 152.55 (H) x 6.5 (D) mm	260.5 (W) x 204 (H) x 8.4 (D) mm
	Contrast Ratio	800:1	1000:1
	Color Depth	16.2M	16.7M
Power	Type	9~36V DC in	
Environmental	Op.temp/ Humidity	-10℃ ~ 55℃, 55℃ 95%RH (SSD)	
	Storage.temp/ Humidity	-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing	
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation	
	Sine Vibration	5~500Hz, 2G Non-Operation	
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms	
	Front Panel Protecting	IP65	
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)	
	Demension	270 x 217.5 x 64.5mm	317 x 246 x 64.5mm
	Weight	2.2KG	3.2KG
Certification	Safety Certification	CCC , CE , FCC , IC , UKCA , UL , CB	CCC
Sales Model		CIP-W10C-J191	CIP-S12R-J191



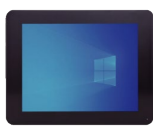
CIP-S15R-J191	CIP-W15R-J191	CIP-W19C-MG01	CIP-W21R-J191
Intel®Bay Trail Celeron® J1900			
1 x DDR3L SO-DIMM, up to 8GB			
Win 7-32/64bit; Win 10-64bit; Linux			
System Reset, Programmable 255 levels timer interval, From 1-255 sec/min			
2 x Intel® I210-AT	2 x Intel® I210-AT (Optional:Expand to 4 Gigabit Ethernet port. Adding 2 x Intel® I210-AT)		2 x Intel® I210-AT
1 x HDMI 1.4			
1 x Audio (Line-out & Mic-in 2 in 1)	1 x Audio (Line-out & Mic-in 2 in 1)		1 x Audio (Line-out & Mic-in 2 in 1)
2 x RS232/422/485, 2 x RS232			
1 x USB 3.2 (Gen1) , 5 x USB 2.0	1 x USB 3.2 (Gen1) , 6 x USB 2.0		1 x USB 3.2 (Gen1) , 5 x USB 2.0
1 x Remote ON-OFF			
1 x 2Pin Phoenix Terminal			
1 x Power Button	1 x Power Button, 1 x STAT US LED		1 x Power Button
1 x OS Recovery			
1 x Mini-PCle 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card			
2 x RS232			
2 x USB 2.0	1 x USB 2.0		2 x USB 2.0
1 x 8bit GPIO (Optional)			
1 x SATA 3.0			
5-Wire Resistive Touch; P-cap Multi-Touch			
35,000,000 Times			
15"	15.6"	19"	21.5"
1024 (H) x 768 (V)	1366 (H) x 768 (V)	1440 (H) x 900 (V)	1920 (H) x 1080 (V)
4:3	16:9	16:10	16:9
350 nits	400 nits	250 nits	250 nits
304.128 x 228.096mm	344.232 x 193.536mm	408.24 x 255.15mm	476.064 x 267.786mm
326.5 (W) x 253.5 (H) x 9.1 (D) mm	363.8 (W) x 215.98 (H) x 9.3 (D) mm	428.0 (W) x 278.0 (H) x 10.3 (D) mm	497.6 (W) x 292.2 (H) x 10.5 (D) mm
2500:1	500:1	1000:1	1000:1
16.2M	16.7M	16.7M	16.7M
9-36V DC in		12-24V DC in	9-36V DC in
-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) , 50℃ 95%RH (SSD)			
-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing			
5-500Hz, 2Grms (SSD) Operation, 5-500Hz, 1Grms (HDD) Operation			
5-500Hz, 2G Non-Operation			
Operation: 10G@11ms; Non-Operation: 20G@11ms			
IP65			
Panel Mount and VESA-mount (75 x 75mm)			
365 x 290 x 65mm	402 x 252 x 65mm	471 x 336 x 65mm	540 x 335 x 65mm
4.2KG	3.8KG	6.5KG	7.2KG
CCC , CE , FCC , IC , UKCA	CCC	CCC	CCC
CIP-S15R-J191	CIP-W15C-J191	CIP-W19R-MG01	CIP-W21C-J191



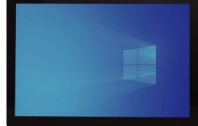
Development Number		CIP-S12R-CFU1	CIP-S15R-CFU1	CIP-W15R-CFU1
System	CPU	Intel® Core i3-8140U/i5-10210U/i5-10310U		
	Memory	1 x DDR4 SO-DIMM, Up to 32 GB		
	OS	Win 10-64bit, Linux		
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
External I/O	Interface	1 x Intel® I210-V 1 x Intel® I219-V	1 x Intel® I210-V, 1 x Intel® I219-V (Optional:Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)	
	Display	1 x HDMI 1.4		
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)		
	COM	2 x RS232/422/485	2 x RS232/422/485, 2 x RS232	
	USB	4 x USB 3.2 (Gen2) , 2 x USB 2.0		
	Remote	1 x Remote ON-OFF		
	Power Input	1 x 2Pin Phoenix Terminal		
	Power Switch	1 x Power Button		
	OS Recovery	1 x OS Recovery		
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card		
	COM	2 x RS232		
	USB	2 x USB 2.0		
	GPIO	/		
	SATA	1 x SATA 3.0		
Touch Screen	Touch Screen	5-Wire Resistive Touch; P-cap Multi-Touch		
	Touch	35,000,000 Times		
Display	Demension	12.1"	15"	15.6"
	Resolution Ratio	1024 (H) x 768 (V)	1024 (H) x 768 (V)	1366 (H) x 768 (V)
	Screen Aspect Ratio	4:3	4:3	16:9
	Brightness	500 nits	350 nits	400 nits
	Visible Range	245.76 x 184.32mm	304.128 x 228.096mm	344.232 x 193.536mm
	LCD Demension	260.5 (W) x 204 (H) x 8.4 (D) mm	326.5 (W) x 253.5 (H) x 9.1 (D) mm	363.8 (W) x 215.9 (H) x 9.3 (D) mm
	Contrast Ratio	1000:1	2500:1	500:1
	Color Depth	16.7M	16.2M	16.7M
Power	Type	12~24V DC in		
Environmental	Op.temp/ Humidity	-10℃ ~ 55℃, 55℃ 95%RH (SSD)	-10℃ ~ 55℃, 50℃ 95%RH (SSD)	-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) 50℃ 95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing		
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation		
	Sine Vibration	5~500Hz, 2G Non-Operation		
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms		
Mechanical	Front Panel Protecting	IP65		
	Mounting	Panel Mount and VESA-mount (75 x 75mm)		
	Demension	317 x 246 x 64.5mm	365 x 290 x 65mm	402 x 252 x 65mm
Mechanical	Weight	3.2KG	4.2KG	3.8KG
	Safety Certification	CCC	CCC, CE, FCC, IC, UKCA	CCC
Sales Model		CIP-S12R-814U CIP-S12R-827U CIP-S12R-210U	CIP-S15R-814U CIP-S15R-827U CIP-S15R-210U CIP-S15R-510U	CIP-W15C-814U CIP-W15C-827U CIP-W15C-210U CIP-W15C-510U



CIP-W15R-CFU1(HD)	CIP-S17R-CFU1	CIP-S19R-CFU1	CIP-W21R-CFU1
Intel® Core i3-8140U/i5-10210U/i5-10310U/i7-10510U			
1 x DDR4 SO-DIMM, Up to 32 GB			
Win 10-64bit, Linux			
System Reset, Programmable 255 levels timer interval, From 1~255 sec/min			
1 x Intel® I210-V, 1 x Intel® I219-V, (Optional:Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)			
1 x HDMI 1.4			
1 x Audio (Line-out & Mic-in 2 in 1)			
2 x RS232/422/485, 2 x RS232			
4 x USB 3.2 (Gen1) , 2 x USB 2.0			
1 x Remote ON-OFF			
1 x 2Pin Phoenix Terminal			
1 x Power Button			
1 x OS Recovery			
1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card			
2 x RS232			
2 x USB 2.0			
1 x 8bit GPIO (Optional)			
1 x SATA 3.0			
5-Wire Resistive Touch; P-cap Multi-Touch			
35,000,000 Times			
15.6"	17"	19"	21.5"
1920 (H) x 1080 (V)	1280 (H) x 1024 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)
16:9	4:3	4:3	16:9
500 nits	250 nits	250 nits	250 nits
344.16 x 193.59mm	337.92 x 270.36mm	376.32 x 301.06mm	476.064 x 267.786mm
363.8 (W) x 215.9 (H) x 8.8 (D) mm	358.5 (W) x 296.5 (H) x 7.7 (D) mm	396 (W) x 324 (H) x 10.9 (D) mm	497.6 (W) x 292.2 (H) x 10.5 (D) mm
1000:1	1000:1	1000:1	1000:1
16.7M	16.7M	16.7M	16.7M
12~24V DC in			
-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) , 50℃ 95%RH (SSD)			
-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing			
5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation			
5~500Hz, 2G Non-Operation			
Operation: 10G@11ms; Non-Operation: 20G@11ms			
IP65			
Panel Mount and VESA-mount (75 x 75mm)			
402 x 252 x 65mm	410.5 x 344 x 65 mm	444.2 x 374.2 x 65 mm	540 x 335 x 65mm
3.8KG	3.8KG	6.5KG	7.2KG
CCC	CCC	CCC	CCC
CIP-W15C-814U-HD CIP-W15C-827U-HD CIP-W15C-210U-HD CIP-W15C-510U-HD	CIP-S17R-210U CIP-S17R-510U CIP-S17R-814U CIP-S17R-827U	CIP-S19R-310U CIP-S19C-310U	CIP-W21C-814U CIP-W21C-827U CIP-W21C-210U CIP-W21C-510U



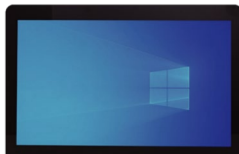
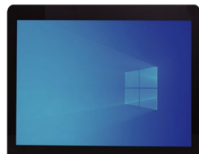
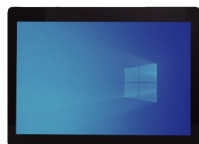
Development Number		CIP-S12R-TLU1	CIP-S15R-TLU1	CIP-W15R-TLU1
System	CPU	Intel® Elkhart Lake J6412		
	Memory	1 x DDR4 SO-DIMM, Up to 32 GB		
	OS	Win 10-64bit, Linux		
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
External I/O	Interface	1 x Intel® I210-AT 1 x Intel® I219-V	1 x Intel® I210-AT, 1 x Intel® I219-V (Optional:Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)	
	Display	1 x HDMI 1.4		
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)		
	COM	2 x RS232/422/485	2 x RS232/422/485, 2 x RS232	
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0		
	Remote	1 x Remote ON-OFF		
	Power Input	1 x 2Pin Phoenix Terminal		
	Power Switch	1 x Power Button		
	OS Recovery	1 x OS Recovery		
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card		
	COM	2 x RS232		
	USB	2 x USB 2.0		
	GPIO	/		
	SATA	1 x SATA 3.0		
Touch Screen	Touch Screen	5-Wire Resistive Touch; P-cap Multi-Touch		
	Touch	35,000,000 Times		
Display	Demension	10.1"	15"	15.6"
	Resolution Ratio	1280 (H) x 800 (V)	1024 (H) x 768 (V)	1366 (H) x 768 (V)
	Screen Aspect Ratio	16:9	4:3	16:9
	Brightness	500 nits	350 nits	400 nits
	Visible Range	216.96 x 135.60mm	304.128 x 228.096mm	344.232 x 193.536mm
	LCD Demension	230.7 (W) x 152.55 (H) x 6.5 (D) mm	326.5 (W) x 253.5 (H) x 9.1 (D) mm	363.8 (W) x 215.98 (H) x 9.3 (D) mm
	Contrast Ratio	800:1	2500:1	500:1
	Color Depth	16.2M	16.2M	16.7M
Power	Type	12~24V DC in		
Environmental	Op.temp/ Humidity	-10℃ ~ 55℃, 55℃ 95%RH (SSD)	-10℃ ~ 55℃, 50℃ 95%RH (SSD)	-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) 50℃ 95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing		
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation		
	Sine Vibration	5~500Hz, 2G Non-Operation		
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms		
	Front Panel Protecting	IP65		
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)		
	Demension	317 x 246 x 64.5mm	365 x 290 x 65mm	402 x 252 x 65mm
	Weight	3.2KG	4.2KG	3.8KG
Certification	Safety Certification	CCC	CCC , CE , FCC , IC , UKCA	CCC
Sales Model		CIP-S12R-15U1 CIP-S12R-35U1	CIP-S15R-15U1 CIP-S15R-35U1 CIP-S15R-65U1	CIP-W15C-15U1 CIP-W15C-35U1 CIP-W15C-65U1



CIP-W15R-TLU1(HD)	CIP-S17R-TLU1	CIP-S19R-TLU1	CIP-W21R-TLU1
Intel®Elkhart Lake J6412		Intel® Tiger lake UP3 i3-1115G4/i5-1135G7/i7-1165G7	Intel®Elkhart Lake J6412
1 x DDR4 SO-DIMM, Up to 32 GB			
Win 10-64bit, Linux			
System Reset, Programmable 255 levels timer interval, From 1~255 sec/min			
1 x Intel® I210-AT, 1 x Intel® I219-V, (Optional:Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)			
1 x HDMI 1.4			
1 x Audio (Line-out & Mic-in 2 in 1)			
2 x RS232/422/485, 2 x RS232			
4 x USB 3.2 (Gen1) , 2 x USB 2.0			
1 x Remote ON-OFF			
1 x 2Pin Phoenix Terminal			
1 x Power Button			
1 x OS Recovery			
1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card			
2 x RS232			
2 x USB 2.0			
1 x 8bit GPIO (Optional)			
1 x SATA 3.0			
5-Wire Resistive Touch; P-cap Multi-Touch			
35,000,000 Times			
15.6"	17"	19"	21.5"
1920 (H) x 1080 (V)	1280 (H) x 1024 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)
16:9	4:3	4:3	16:9
500 nits	250 nits	250 nits	250 nits
344.16 x 193.59mm	337.92 x 270.36mm	376.32 x 301.06mm	476.064 x 267.786mm
363.8 (W) x 215.9 (H) x 8.8 (D) mm	358.5 (W) x 296.5 (H) x 7.7 (D) mm	396 (W) x 324 (H) x 10.9 (D) mm	497.6 (W) x 292.2 (H) x 10.5 (D) mm
1000:1	1000:1	1000:1	1000:1
16.7M	16.7M	16.7M	16.7M
12~24V DC in			
-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) , 50℃ 95%RH (SSD)			
-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing			
5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation			
5~500Hz, 2G Non-Operation			
Operation: 10G@11ms; Non-Operation: 20G@11ms			
IP65			
Panel Mount and VESA-mount (75 x 75mm)			
402 x 252 x 65mm	402 x 252 x 65mm	410.5 x 344 x 65 mm	540 x 335 x 65mm
3.8KG	3.8KG	6.5KG	7.2KG
CCC	CCC	CCC	CCC , CE , FCC , IC , UKCA
CIP-W15C-15U1-HD CIP-W15C-35U1-HD CIP-W15C-65U1-HD	CIP-S17R-15U1 CIP-S17R-35U1 CIP-S17R-65U1	CIP-S19R-15U1 CIP-S19R-35U1 CIP-S19R-65U1	CIP-W21C-15U1 CIP-W21C-35U1 CIP-W21C-65U1



Development Number		CIP-W10R-ELK1	CIP-S12R-ELK1	CIP-S15R-ELK1
System	CPU	Intel® Elkhart Lake J6412		
	Memory	1 x DDR4 SO-DIMM, Up to 32 GB		
	OS	Win 10-64bit, Linux		
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min		
External I/O	Interface	2 x Intel®I226-V		2 x Intel®I226-V (Optional:Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)
	Display	1 x HDMI 1.4		
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)		
	COM	2 x RS232/422/485		2 x RS232/422/485, 2 x RS232
	USB	4 x USB 3.2 (Gen1) , 2 x USB 2.0		
	Remote	1 x Remote ON-OFF		
	Power Input	1 x 2Pin Phoenix Terminal		
	Power Switch	1 x Power Button		
	OS Recovery	1 x OS Recovery		
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card		
	COM	2 x RS232		
	USB	2 x USB 2.0		
	GPIO	/		
	SATA	1 x SATA 3.0		
Touch Screen	Touch Screen	5-Wire Resistive Touch; P-cap Multi-Touch		
	Touch	35,000,000 Times		
Display	Demension	10.1"	12.1"	15"
	Resolution Ratio	1280 (H) x 800 (V)	1024 (H) x 768 (V)	1024 (H) x 768 (V)
	Screen Aspect Ratio	16:9	4:3	4:3
	Brightness	500 nits	500 nits	350 nits
	Visible Range	216.96 x 135.60mm	245.76 x 184.32mm	304.128 x 228.096mm
	LCD Demension	230.7 (W) x 152.55 (H) x 6.5 (D) mm	260.5 (W) x 204 (H) x 8.4 (D) mm	326.5 (W) x 253.5 (H) x 9.1 (D) mm
	Contrast Ratio	800:1	1000:1	2500:1
	Color Depth	16.2M	16.7M	16.2M
Power	Type	12~24V DC in		
Environmental	Op.temp/Humidity	-10℃ ~ 60℃, 60℃ 95%RH (SSD)	-10℃ ~ 55℃, 55℃ 95%RH (SSD)	-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) 50℃ 95%RH (SSD)
	Storage.temp/Humidity	-40℃ ~ 60℃ , 60℃ 95%RH, Non-Condensing		
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation		
	Sine Vibration	5~500Hz, 2G Non-Operation		
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms		
	Front Panel Protecting	IP65		
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)		
	Demension	270 x 217.5 x 64.5mm	317 x 246 x 64.5mm	365 x 290 x 65mm
	Weight	2.2KG	3.2KG	4.2KG
Certification	Safety Certification	CCC , CE , FCC , IC , UKCA	CCC	CCC
Sales Model		CIP-W10C-J121	CIP-S12R-J121	CIP-S15R-J121



CIP-W15R-ELK1	CIP-S17R-ELK1	CIP-S19R-ELK1	CIP-W21R-ELK1
Intel® Elkhart Lake J6412			
1 x DDR4 SO-DIMM, Up to 32 GB			
Win 10-64bit, Linux			
System Reset, Programmable 255 levels timer interval, From 1~255 sec/min			
2 x Intel® I226-V (Optional: Expand to 4 Gigabit Ethernet port, Adding 2 x Intel® I210-AT)			
1 x HDMI 1.4			
1 x Audio (Line-out & Mic-in 2 in 1)			
2 x RS232/422/485, 2 x RS232			
4 x USB 3.2 (Gen1), 2 x USB 2.0			
1 x Remote ON-OFF			
1 x 2Pin Phoenix Terminal			
1 x Power Button			
1 x OS Recovery			
1 x Mini-PCIe 1 x M.2 2280 (SATA 3.0) 1 x M.2 2230 1 x SIM Card			
2 x RS232			
2 x USB 2.0			
1 x 8bit GPIO (Optional)			
1 x SATA 3.0			
5-Wire Resistive Touch; P-cap Multi-Touch			
35,000,000 Times			
15.6"	17"	19"	21.5"
1366 (H) x 768 (V)	1280 (H) x 1024 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)
16:9	4:3	4:3	16:9
400 nits	250 nits	250 nits	250 nits
344.232 x 193.536mm	337.92 x 270.336mm	376.32 x 301.06mm	476.064 x 267.786mm
363.8 (W) x 215.98 (H) x 9.3 (D) mm	358.5 (W) x 296.5 (H) x 7.7 (D) mm	396 (W) x 324 (H) x 10.9 (D) mm	497.6 (W) x 292.2 (H) x 10.5 (D) mm
500:1	1000:1	1000:1	1000:1
16.7M	16.7M	16.7M	16.7M
12~24V DC in			
-10℃ ~ 50℃ (SSD), 0℃ ~ 40℃ (HDD), 50℃ 95%RH (SSD)			
-40℃ ~ 60℃, 60℃ 95%RH, Non-Condensing			
5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation			
5~500Hz, 2G Non-Operation			
Operation: 10G@11ms; Non-Operation: 20G@11ms			
IP65			
Panel Mount and VESA-mount (75 x 75mm)			
402 x 252 x 65mm	410.5 x 344 x 65mm	444.2 x 374.2 x 65 mm	540 x 335 x 65mm
3.8KG	6.5KG	5.5KG	7.2KG
CCC	CCC	CCC	CCC
CIP-W15C-J121	CIP-S17R-J121	CIP-S19R-J121	CIP-W21C-J121



Development Number		Environmental Protection PPC CIP-S15R-HB01
System	CPU	Intel®Bay Trail Celeron® J1900
	Memory	1 x DDR3L SO-DIMM, up to 8GB
	OS	Win 7-32/64bit, Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
External I/O	Interface	2 x Intel® I210-AT
	Display	1 x HDMI 1.4
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)
	COM	2 x RS232/422/485 4 x RS232
	USB	1 x USB 3.0, 5 x USB 2.0
	Remote	1 x Remote ON-OFF
	Power Input	1 x 2Pin Phoenix Terminal
	Power Switch	1 x Power Button
	OS Recovery	1 x OS Recovery
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 1 x M.2 2230 1 x SIM Card
	USB	2 x USB 2.0
	SATA	1 x SATA 3.0
Touch Screen	Touchu Screen	5-Wire Resistive Touch
	Touch	35,000,000 Times
	Demension	15"
	Resolution Ratio	1024 (H) x 768 (V)
Display	Screen Aspect Ratio	4:3
	Brightness	350 nits
	Visible Range	304.128 x 228.096mm
	LCD Demension	326.5 (W) x 253.5 (H) x 9.1 (D) mm
	Contrast Ratio	2500:1
	Color Depth	16.2M
Power	Type	9~36V DC in
Environmental	Op.temp/ Humidity	-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) , 50℃@95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃@95%RH, Non-Condensing
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
	Front Panel Protection	IP65
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)
Certification	Safety Certification	CCC
Sales Model		CIP-S15R-HB01



Development Number		Woodworking Machinery PPC CIP-W21C-MG01
System	CPU	Intel®Bay Trail Celeron® J1900
	Memory	1 x DDR3L SO-DIMM, up to 8GB
	OS	Win 7-32/64bit, Win 10-64bit; Linux
	Watchdog	System Reset, Programmable 255 levels timer interval, From 1~255 sec/min
External I/O	Interface	1 x Intel® I210-AT
	Display	1 x HDMI 1.4
	Audio	1 x Audio (Line-out & Mic-in 2 in 1)
	COM	2 x RS232/422/485 4 x RS232
	USB	1 x USB 3.0, 5 x USB 2.0
	Remote	1 x Remote ON-OFF
	Power Input	1 x 2Pin Phoenix Terminal
	Power Switch	1 x Power Button
	OS Recovery	1 x OS Recovery
Internal I/O	Expansion	1 x Mini-PCIe 1 x M.2 2280 1 x M.2 2230 1 x SIM Card
	USB	2 x USB 2.0
	SATA	1 x SATA 3.0
Touch Screen	Touchu Screen	5-Wire Resistive Touch
	Touch	35,000,000 Times
	Demension	21.5"
	Resolution Ratio	1920 (H) x 1080 (V)
Display	Screen Aspect Ratio	16:9
	Brightness	250 nits
	Visible Range	176.064 x 267.786mm
	LCD Demension	495.6 (H) x 292.2 (V) x 10.7 (D) mm
	Contrast Ratio	1000:1
	Color Depth	16.7M
Power	Type	9~36V DC in
Environmental	Op.temp/ Humidity	-10℃ ~ 50℃ (SSD) , 0℃ ~ 40℃ (HDD) , 50℃@95%RH (SSD)
	Storage.temp/ Humidity	-40℃ ~ 60℃, 60℃@95%RH, Non-Condensing
	Ramdon Vibration	5~500Hz, 2Grms (SSD) Operation, 5~500Hz, 1Grms (HDD) Operation
	Sine Vibration	5~500Hz, 2G Non-Operation
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms
	Front Panel Protection	IP65
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)
	Demension	540 x 335 x 65mm
	Weight	6.2KG
Certification	Safety Certification	CCC
Sales Model		CIP-W21C-MG01



*The actual appearance is based on the objet

Development Number		CID-S15R-LD01	CID-W15R-LD01	CID-S17R-LD01	CID-W21R-LD01
Display	Demension	15"	15.6"	17"	21.5"
	Resolution Ratio	1024 (H) x 768 (V)	1366 (H) x 768 (V)	1280 (H) x 1024 (V)	1920 (H) x 1080 (V)
	Screen Aspect Ratio	4:3	16:9	4:3	16:9
	Brightness	350 nits	400 nits	250 nits	250 nits
	Visible Range	304.128 x 228.096mm	344.232 x 193.536mm	337.92 x 270.336mm	476.064 x 267.786mm
	LCD Mension	326.5 (W) x 253.5 (H) x 9.1 (D) mm	363.8 (W) x 215.9 (H) x 9.3 (D) mm	358.5 (W) x 296.5 (H) x 7.7 (D) mm	497.6 (W) x 292.2 (H) x 10.5 (D) mm
	Contrast Ratio	2500:1	500:1	1000:1	1000:1
	Color Depth	16.2M	16.2M	16.7M	16.7M
	Backlight Life	70000Hrs	50000Hrs	30000Hrs	50000Hrs
Touchscreen	Touchscreen	5-Wire Resistive Touch; P-cap Multi-Touch			
	Touch	35,000,000 Times			
External I/O	Display Input	1 x VGA, 1 x HDMI, 1 x DP			
	Touch Input	1 x USB Type-B			
	USB Output	2 x USB Type-A			
	Audio	1 x Audio in			
	Power	12~24V DC in, Phoenix Terminal			
	Speaker	2 x 1.5W (Left and Right Channels)			
	OSD Botton	1 x POWER (Power ON-OFF, Turn Off the Display) 1 x MENU (Menu/Firm) 1 x UP (Up/Add) 1 x DOWN (Down/Reduce) 1 x Exit (Out/Auto) Optional Mode: Brightness, sound, contrast, color temperature, saturation, sharpness			
Mechanical	Mounting	Panel Mount and VESA-mount (75 x 75mm)			
	Demension	365 x 290 x 50.8mm	402 x 252 x 51mm	410.5 x 344 x 50.8mm	540 x 335 x 51mm
	Suggestion	357 x 282mm	393 x 243mm	401.3 x 334.8mm	531 x 326mm
Environmmtal	Op.temp/ Humidity	-10℃ ~ 50℃, 50℃ 95%RH			
	Storage.temp/ Humidity	-40℃ ~ 60℃, 50℃ 95%RH, 60℃ 95%RH, Non-Condensing			
	Ramdon Vibration	5~500Hz, 2Grms Operation			
	Sine Vibration	5~500Hz, 2G Non-Operation			
	Mechanical Shock	Operation: 10G@11ms; Non-Operation: 20G@11ms			
	Front Panel Protection	IP65			
Certificaiton	Safe Certificaiton	CCC			
Sales Model		CID-S15R-LD01	CID-W15C-LD01	CID-S17R-LD01	CID-W21C-LD01

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