

24+
Years in Business

30+
Countries Served

5000+
Happy Customers



**One-stop
IPC, Panel PC and HMI
Design and Manufacturing**

Our Facilities and Capabilities

- In house SMTs, precision machinery and system assembly parts
- 480+ employees and near \$100M annual revenue
- Fast turnaround for small batch customization HMIs
- Local service and support for the US and European markets
- Strong R&D team for both hardware design and software supports
- Readily available inventory for small qty standard product orders
- Short OEM/ODm design cycles: 30~40 days for a new design

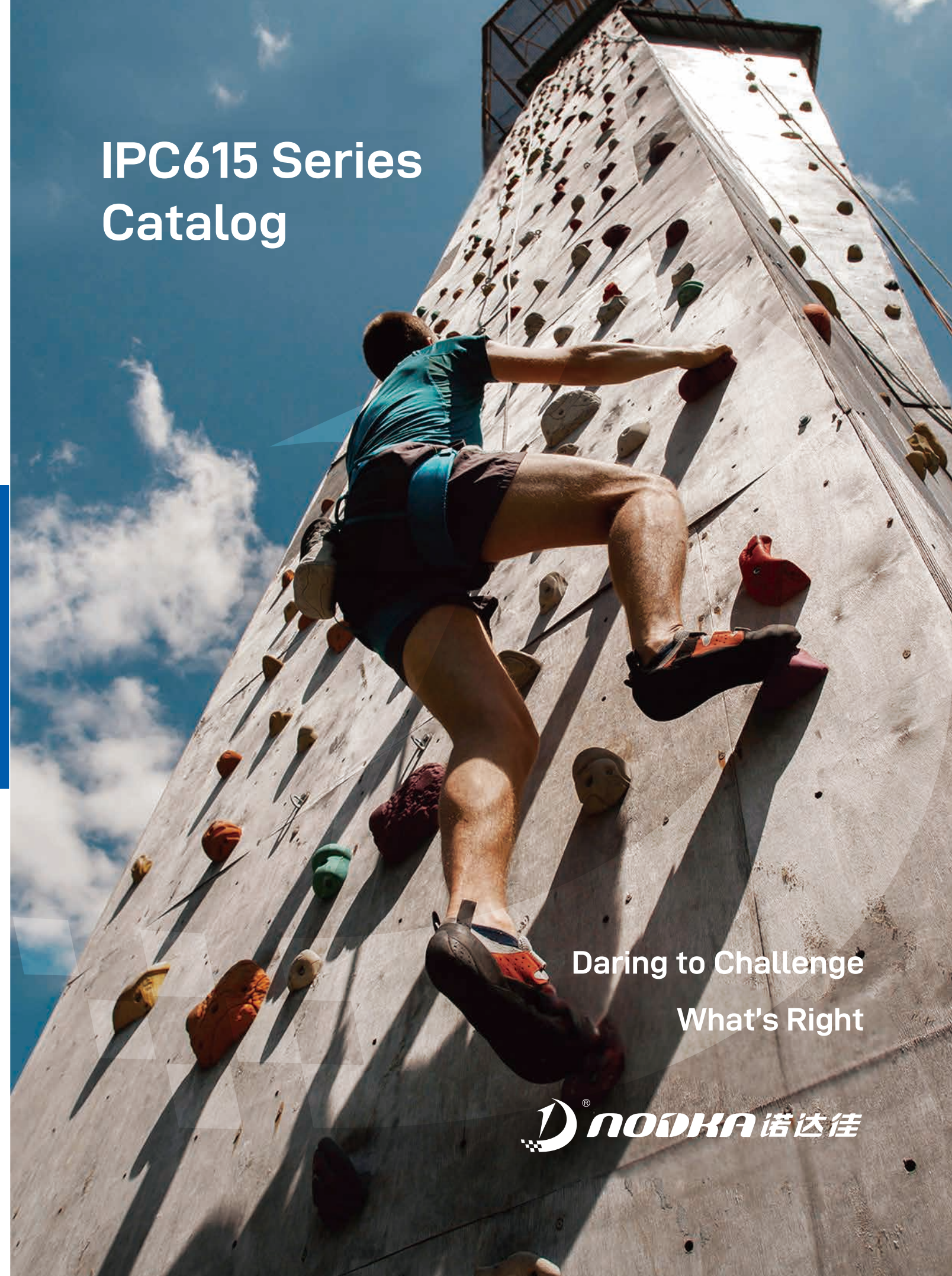
NODKA International
NO.5, Shenwang Rd, Minhang Dist, Shanghai, China
Email: vikki@nodka.com
Mobile: +86 136 7156 0856

NODKA USA
21015 Commerce Pointe Drive Walnut, CA 91789. USA
Email: bin.lin@nodka.us
Tel: 909-594-7600

NODKA Europe
Baltesakker 17, 5625 TC in Eindhoven, the Netherlands
Email: wuyong@nodka.com
Mobile: +31(0) 6 2029 2256

NODKA Taiwan China
6F-E5 No.58, Jhouzih St, Neihu District, Taipei City 114, Taiwan, China
Email: jack.xu@nodka.com
Tel: +886 0939072869

IPC615 Series Catalog



**Daring to Challenge
What's Right**

nodka 诺达佳



One-stop IPC, Panel PC and HMI Design and Manufacturing

Nodka is a top-tier industrial computer manufacturer specializing in the design and manufacture of panel PCs, HMI, industrial PCs and automation computers tailored for the industrial automation, robotics, machine vision, smart manufacturing, self-service, edge IoT and many other industrial computer markets. Nodka was established in Shanghai in 2001 and has since grown to include offices in the Netherlands, the United States and Taiwan, serving products and services to over 5,000 customers in 30+ countries. We offer OEM/ODM services, customizable and compatible solutions that ensure seamless integration with existing and future technologies, backed by our global support.

24+

Years in Business

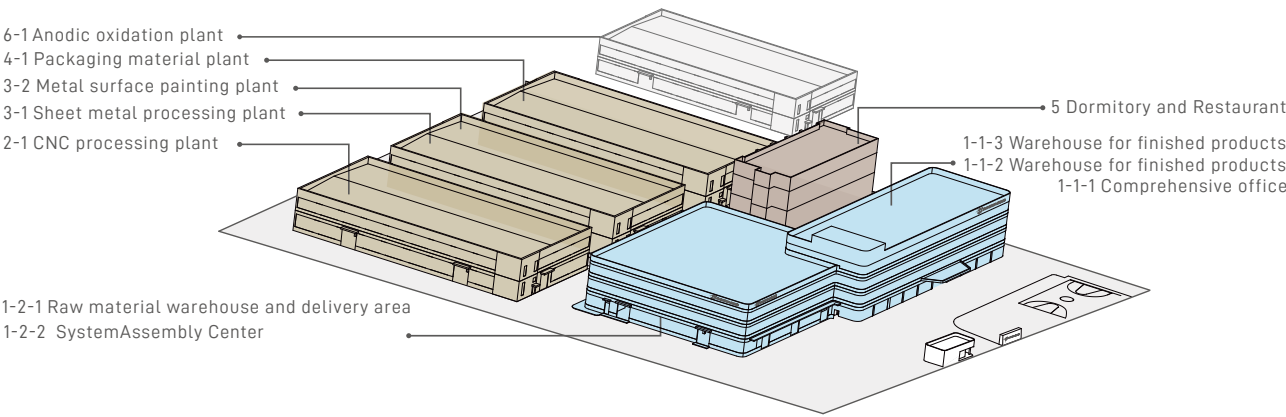
50000+ m²

Factory Area

5000+

Happy Customers

Guangde manufacturing center layout



SMT Center
Pick-and-Place Machine, DIP, PCBA conformal coating, AOI, one stop service for SMT manufacturing.

System Assembly Center
Scalable, flexible and one-stop production model to meet mass production, small batch orders requirement.

Anodizing plant
With capabilities in different surface treatment technology, quick response for customer-specific requests.

Metal Surface treatment
Spray coating, Printing, Anodizing, Laser carving technology.

CNC processing plant
24/7 production mode, equipped with multi-axis and efficient machining capabilities.

Metal shell processing
50 units equipment involve Laser cutting, Stamping, Bending, 3/4 axis Machine

Industry Leading Advantages of NODKA Original Systems & Services



The ATX industrial motherboard adopts an innovative design that uses SODIMM memory with locking slots to prevent loosening or detachment caused by vibration or accidental drops. The horizontal installation layout minimizes dust accumulation in the memory slots and ensures smoother airflow for CPU heat dissipation, effectively addressing common issues faced in various industrial applications.



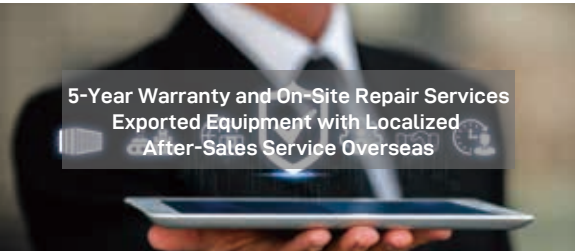
The motherboard surface is treated with a conformal coating to protect against conductive, corrosive, and high-humidity dust environments. Key connectors are designed with dust-proof sealing covers, ensuring long-term stable operation of the industrial computer under complex and harsh conditions.

The EMC anti-interference design exceeds the Level 3 industrial standard, significantly reducing sporadic failures such as system crashes, unexpected reboots, blue screens, and communication packet loss caused by complex electrical environments. Additionally, the company is equipped with professional EMC engineers who can assist customers in troubleshooting and resolving on-site issues.



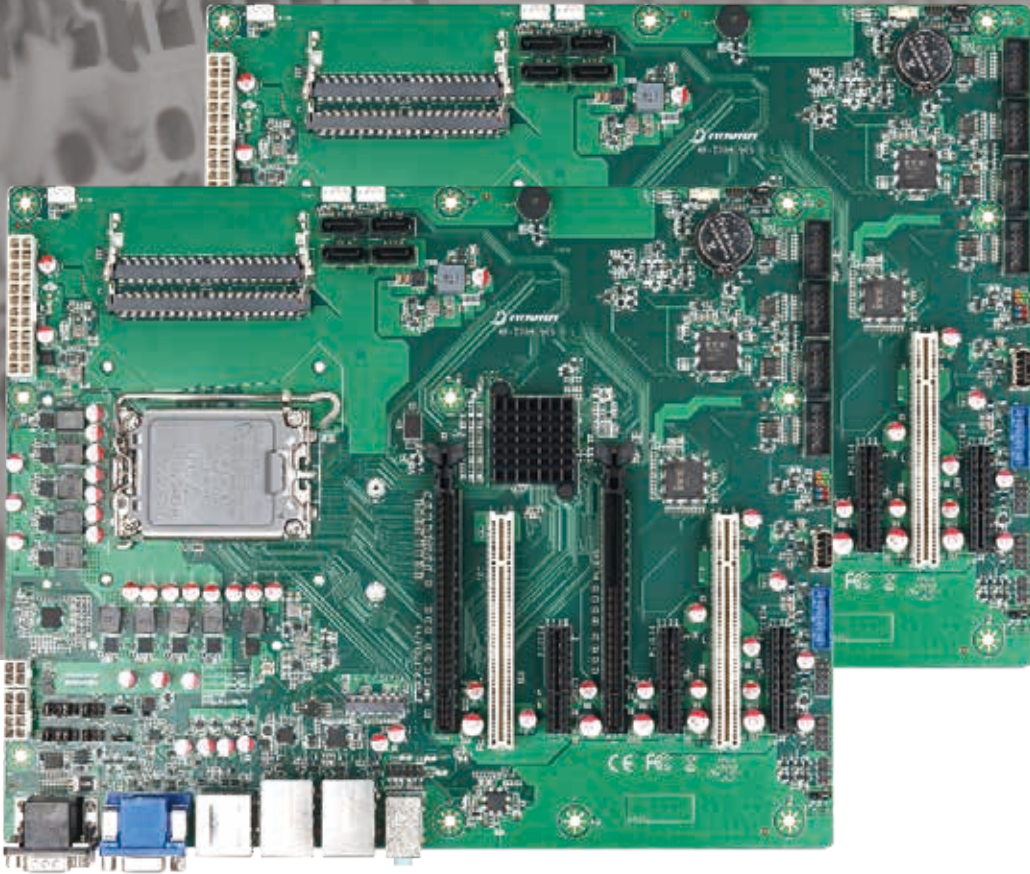
Due to complex configurations, tight delivery schedules, and frequent order changes, industrial PCs are often assembled by distributors rather than shipped as complete systems by OEMs. This approach introduces third-party components outside the original quality system, creating risks such as poor compatibility, inconsistent quality, and limited traceability. Without standardized assembly processes and professional testing, product reliability cannot be fully ensured, leading to potential accountability gaps.

The original complete system comes with a 3-year free warranty, with an optional extension to 5 years for only RMB 98. On-site service within mainland China is available at RMB 128 for 3 years and RMB 168 for 5 years, ensuring users enjoy reliable after-sales support with ease. For products exported overseas, "localized after-sales service" is available in Europe, Southeast Asia, and the United States for RMB 198, helping customers avoid the complexity of international shipping and customs clearance in case of issues.



Full-Platform Series

ATX Industrial Motherboards



The industrial-grade ATX motherboards are equipped with desktop-class Intel® processors, offering a wide array of I/O interfaces and flexible expansion options. These platforms support various performance configurations to meet diverse application needs across industries. At Nodka, customer-centric service is at the core of our product philosophy. Our 3.5-inch embedded motherboard series is purpose-built for embedded applications and system integration scenarios. These boards also utilize Intel® desktop-class processors, feature rich I/O capabilities, and support a wide selection of modular expansions tailored to customer requirements. This product line supports wide-temperature and wide-voltage operation, making it highly adaptable to demanding industrial environments.

- This ATX industrial motherboard features an innovative design that incorporates SO-DIMM laptop memory, optimizing space and enhancing thermal efficiency.
- The board surface is coated with a conformal protective layer (three-proof coating) to improve safety, enhance reliability, and extend product lifespan.
- Backed by a three-year warranty, the product ensures long-term durability and is engineered to perform reliably in harsh industrial environments

H110 Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2 x DDR4 SO-DIMM, up to 64GB
Storage	3x SATA3.0, 1x SATA M.2-2242/2280 Slot
PCIE	1x PCIeX16, 1x PCIeX4(x2link), 2x PCIeX4(x1link)
PCI	3x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Pentium® Dual-Core	G4560	3.5GHz	-	2	4
	6100	3.7GHz	-	2	4
	7100	3.9GHz	-	2	4
	8100	3.6GHz	-	4	4
Core™ i3	9100	3.6GHz	-	4	4
	6500	3.2GHz	3.6GHz	4	4
	7500	3.4GHz	3.8GHz	4	4
	8400	2.8GHz	4.0GHz	6	6
Core™ i5	9400	2.9GHz	4.1GHz	6	6
	6700	3.4GHz	4.0GHz	4	8
	7700	3.6GHz	4.2GHz	4	8
	8700	3.2GHz	4.6GHz	6	12
Core™ i7	9700	3.0GHz	4.7GHz	8	8

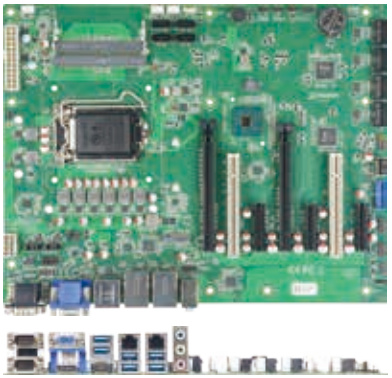


Q170/C236 Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2 x DDR4 SO-DIMM, up to 64GB
Storage	4x SATA3.0 support software RAID 0,1,5,10, 1x SATA M.2-2242/2280 Slot 2 x PCIe x 16(1 x 16 or 2 x 8 link (1 x16 or 2 x8 link, default x8 signal),
PCIE	2x PCIeX4, 1x PCIeX4(x1link)
PCI	2x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Pentium® Dual-Core	G4560	3.5GHz	-	2	4
	6100	3.7GHz	-	2	4
	7100	3.9GHz	-	2	4
	8100	3.6GHz	-	4	4
Core™ i3	9100	3.6GHz	4.2GHz	4	4
	6500	3.2GHz	3.6GHz	4	4
	7500	3.4GHz	3.8GHz	4	4
	8400	2.8GHz	4.0GHz	6	6
Core™ i5	9400	2.9GHz	4.1GHz	6	6
	6700	3.4GHz	4.0GHz	4	8
	7700	3.6GHz	4.2GHz	4	8
	8700	3.2GHz	4.6GHz	6	12
Core™ i7	9700	3.0GHz	4.7GHz	8	8

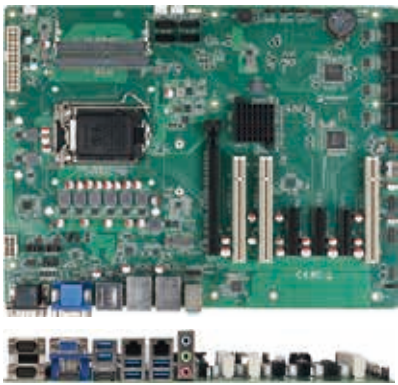


H420E Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2× DDR4 SODIMM slots, up to 64GB
Storage	3x SATA3.0, 1x SATA M.2-2242/2280 Slot
PCIE	1x PCIeX16, 1x PCIeX4(x2link), 2x PCIeX4(x1link)
PCI	3x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Pentium® Dual-Core	10100	3.6GHz	4.3GHz	4	8
Core™ i3	10400	2.9GHz	4.3GHz	6	12
	10500	3.1GHz	4.5GHz	6	12
	11400	2.6GHz	4.4GHz	6	12
	11500	2.7GHz	4.6GHz	6	12
	11600	2.8GHz	4.8GHz	6	12
	11600K	3.9GHz	4.9GHz	6	12
Core™ i5	10700K	3.8GHz	5.1GHz	8	16
	11700	2.5GHz	4.9GHz	8	16
	11700K	3.6GHz	5.0GHz	8	16
Core™ i7	10900	2.8GHz	5.2GHz	10	20
	10900K	3.7GHz	5.3GHz	10	20
	11900K	3.5GHz	5.3GHz	8	16

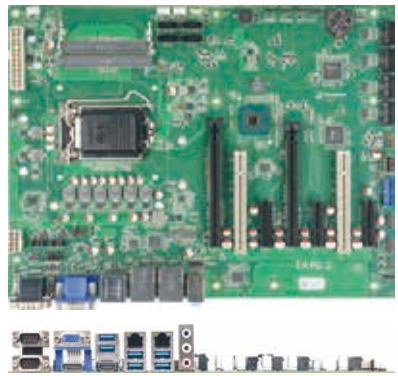


Q470 Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2× DDR4 SODIMM slots, up to 64GB
Storage	4 × SATA 3.0 (supports software RAID 0/1/5/10), 1 × M.2 2242/2280 SATA/NVMe slot (supported only by 11th Gen CPUs)
PCIE	2 × PCIe x16 (1 x16 or 2 x8 link, default x8 signal), 2 × PCIe x4, 1 × PCIe x4 (x1 link)
PCI	2x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Core™ i3	10100	3.6GHz	4.3GHz	4	8
Core™ i5	10400	2.9GHz	4.3GHz	6	12
	10500	3.1GHz	4.5GHz	6	12
	11400	2.6GHz	4.4GHz	6	12
	11500	2.7GHz	4.6GHz	6	12
	11600	2.8GHz	4.8GHz	6	12
	11600K	3.9GHz	4.9GHz	6	12
Core™ i7	10700K	3.8GHz	5.1GHz	8	16
	11700	2.5GHz	4.9GHz	8	16
	11700K	3.6GHz	5.0GHz	8	16
Core™ i9	10900	2.8GHz	5.2GHz	10	20
	10900K	3.7GHz	5.3GHz	10	20
	11900K	3.5GHz	5.3GHz	8	16



H610 Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2 x DDR4 SO-DIMM, up to 64GB
Storage	3x SATA3.0, 1x SATA M.2-2242/2280 Slot
PCIE	1 x PCIe4.0 X 16 (Gen 4),1x PCIe X4(Gen4) , 2 x PCIe X4(Gen4, X1 link)
PCI	3x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Core™ i3	12100	3.3GHz	4.3GHz	4	8
Core™ i5	13400	2.5GHz	4.6GHz	10	16
Core™ i7	12700	2.1GHz	4.9GHz	12	20
	12700K	3.6GHz	5.0GHz	12	20
	13700	2.1GHz	5.2GHz	16	24
	12900	2.4GHz	5.1GHz	16	24
Core™ i9	12900K	3.2GHz	5.2GHz	16	24
	13900	2.0GHz	5.6GHz	24	32
	13900K	3.0GHz	5.8GHz	24	32

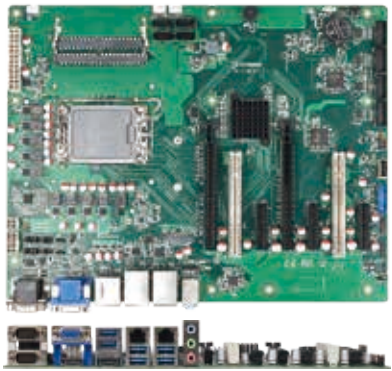


Q670 Platform

Applicable Models	IPC-615H5/615G3/615H1/615H2
Memory	Supports 2 x DDR5 SO-DIMM, up to 64GB
Storage	4 x SATA3.0 support software RAID 0,1,5,10,1xM.2-2242/2280 SATA/NVME Slot
PCIE	2 x PCIe4.0 X 16 (1 x16 or 2 x8 link, default x8 signal),3 x PCIe X 4
PCI	2 x PCI slots

Recommended CPUs

CPU Series	Model	Base Frequency	Turbo Frequency	Cores	Threads
Core™ i3	12100	3.3GHz	4.3GHz	4	8
Core™ i5	13400	2.5GHz	4.6GHz	10	16
Core™ i7	12700	2.1GHz	4.9GHz	12	20
	12700K	3.6GHz	5.0GHz	12	20
	13700	2.1GHz	5.2GHz	16	24
Core™ i9	12900	2.4GHz	5.1GHz	16	24
	12900K	3.2GHz	5.2GHz	16	24
	13900	2.0GHz	5.6GHz	24	32
	13900K	3.0GHz	5.8GHz	24	32



For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

IPC-615H5 Series Rackmount Industrial PC

4U 19-inch Standard Rackmount Industrial PC

IPC-615H5 is built on high-performance Intel® Core™ i3/i5/i7/i9, Pentium®, and Celeron® desktop processors. This standard 19" 4U rackmount industrial chassis features a durable galvanized steel construction and a positive-pressure internal airflow design, providing ample expansion space and efficient thermal management for the motherboard.

The system offers a rich set of front and rear I/O interfaces and powerful expansion capabilities, including 7 PCIe/PCI slots and support for up to four 3.5" SATA hard drives. With comprehensive security features such as TPM and dongle support, the IPC-615H5 is ideal for industrial applications requiring high computing power and multiple device connections.

- **Support Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series LGA 1151 processor,TDP up to 95W**
- **Operating System Support:**
Compatible with Windows 7, Windows 10, and Linux.
- **CPU Compatibility:**
Supports Intel® 10th/11th Generation Celeron®, Pentium®, and Core™ i Series processors with TDP up to 125W.
Supports Intel® 12th/13th Generation Celeron®, Pentium®, and Core™ i Series processors with TDP up to 125W.
- **Display Output:**
Supports triple independent displays via HDMI, DisplayPort (DP), and VGA.



Feature ● ● ●



Robust Chassis Design

Constructed with galvanized steel sheets, featuring dual ball-bearing fans and micro positive-pressure airflow for efficient cooling.



Versatile Power Supply Options

Multiple power supply interfaces allow independent power for each functional card, offering various configuration choices.



Reinforced SO-DIMM Slot

Secured memory slots ensure stable operation in vibration-prone and mobile scenarios, preventing poor memory contact.



Clear Front Panel Indicators

Power and system status indicators are designed on the front panel for easier on-site diagnostics and troubleshooting.



Flexible Expansion Slots

Equipped with 7 internal expansion slots. Supports multiple PCI and PCIe buses depending on motherboard configuration.



Reinforced M.2 SSD Slot

Prevents failures caused by vibration, overheating, or sudden power loss in industrial environments.



Software Dongle Security

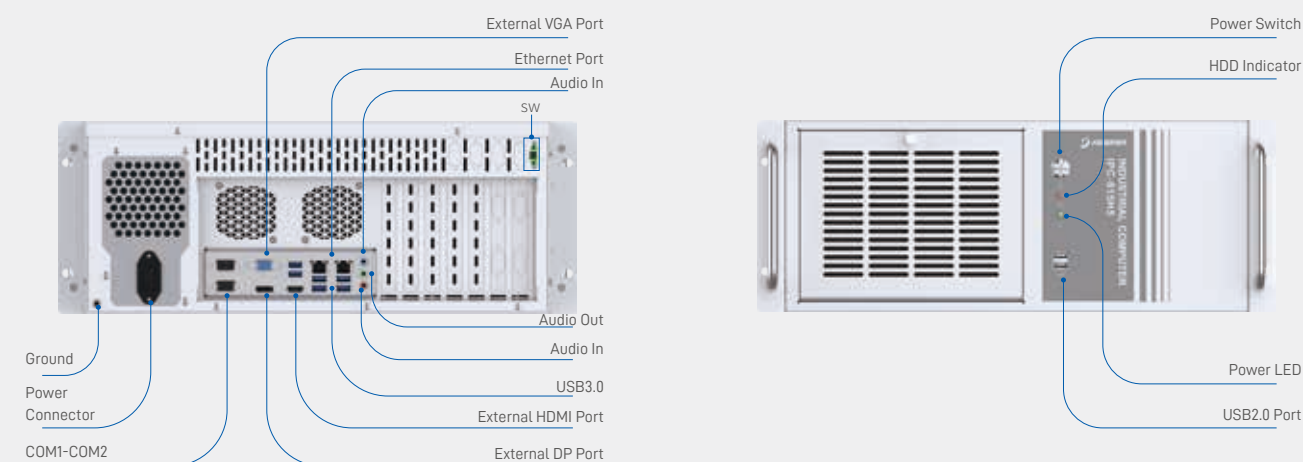
Built-in USB port for software dongle installation, enhancing license protection and preventing accidental loss.



Expandable I/O Ports

Multiple reserved I/O ports in the chassis meet various expansion needs.

Interface



IPC615H5 Series Rack-Mount Industrial PC – I/O Overview



Product Model		IPC-615H5-H110	IPC-615H5-Q170
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® H110	Intel® Q170
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 3 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 4 x SATA3.0 (up to 6Gb/s), support raid 0/1/5/10
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1: i219-V	LAN2: i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3× PCI (32bit)	2× PCI (32bit)
	PCIe	1 x PCIeX16(Gen3) slot 2 x PCIeX4(Gen2, x 1 link) slots, 1 x PCIeX4(Gen2, x 2 link) slot	2 x PCIeX16(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
	Structure	Full steel chassis structure	
Mechanical Specification	Dimensions	370mm x 326mm x 180mm	
	Net Weight	13Kg	
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H5-C236
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W
	Chipset	Intel C236
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 4 x SATA3.0 (up to 6Gb/s), support raid 0/1/5/10
	USB	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232
	LAN Ports	LAN1: i219-V LAN2: i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out
	PCI	2× PCI (32bit)
	PCIe	2 x PCIeX1 6(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable 1~255 levels
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux
Power	Voltage Input	AC100-240V,50-60Hz,5A
Mechanical Specification	Structure	Full steel chassis structure
	Dimensions	370mm x 326mm x 180mm
	Net Weight	13Kg
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)
	Storage Temperature	-20°C ~ 60°C (with SSD)
	Relative Humidity	5~95% (non-condensing)
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27
	EMC	CE/FCC Class A

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H5-H420E	IPC-615H5-Q470
Hardware Configuration	CPU	Intel® 10/11th generation Celeron/Pentium/Core-I series processor, TDP up to 125W	
	Chipset	Intel® H420E	Intel® Q470
	Memory	2 x DDR4 260-pin 2933MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 3 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA supported on 10th Gen; PCIe supported on 11th Genprocessors.) 4 x SATA3.0 (up to 6Gb/s) support RAID 0/1/5/10
	USB	4x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V LAN2:i210AT	
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3× PCI (32bit)	2× PCI (32bit)
	PCIe	1 x PCIeX16(Gen3) slot 2 x PCIeX4(Gen2, x 1 link) slots, 1 x PCIeX4(Gen2, x 2 link) slot	2 x PCIeX16(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable in 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	482mm x450m x 177mm	
	Net Weight	13Kg	
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H5-H610	IPC-615H-Q670
Hardware Configuration	CPU	Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 125W	
	Chipset	Intel® H610	Intel® Q670
	Memory	2 x DDR4 260-pin 3200MHz SO-DIMM slots, up to 64GB	2 x DDR5 262-pin 4800/5600MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 3 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (PCIe4.0 x 4 Signal) 4 x SATA3.0 (up to 6Gb/s), support raid 0/1/5/10
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V LAN2:i210AT	
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.	
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.	
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.	
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3× PCI (32bit)	2× PCI (32bit)
	PCIe	1 x PCIe X16(Gen4) slot 1 x PCIe X4(Gen4) slot, 2 x PCIe X4(Gen4, X1 link) slots	2 x PCIe4.0 X 16 (1 x 16 or 2 x 8 link (default)) 3 x PCIe X4 (PCIe 4.0)
	Watchdog	Programmable in 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	482mm x450m x 177mm	
	Net Weight	13Kg	
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

IPC-615G3 Series Wall-mounted Industrial PC

High-performance Desktop & Wall-mount Solution



The IPC-615G3 is a compact and small 4U chassis built for industrial applications, based on high-performance Intel® Core™ i3/i5/i7/i9 and Pentium®, Celeron® desktop processors. It boasts excellent data processing capabilities and is able to respond efficiently to various edge computing tasks. It can be installed with a standard ATX motherboard and supports a standard 4U power supply, ensuring that the system can run stably under various working conditions. The product supports up to seven slots of full-height card expansion, making it suitable for a variety of industry applications.

- Supports Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series LGA 1151 processor, TDP up to 95W
- Supports Intel® 10/11th Generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports triple independent display via HDMI, DP, and VGA (asynchronous output)
- Compatible with Windows 7, Windows 10, and Linux operating systems



Feature ●●●



Robust Chassis Design

Constructed with galvanized steel sheets, featuring dual ball-bearing fans and micro positive-pressure airflow for efficient cooling.



Versatile Power Supply Options

Multiple power supply interfaces allow independent power for each functional card, offering various configuration choices.



Reinforced SO-DIMM Slot

Secured memory slots ensure stable operation in vibration-prone and mobile scenarios, preventing poor memory contact.



Remote Power On/Off

Supports PS-ON terminal for remote power on/off. Front or rear panel installation optional (only one position supported), Easy integration with cabinet controls.



Flexible Expansion Slots

Equipped with 7 internal expansion slots. Supports multiple PCI and PCIE buses depending on motherboard configuration.



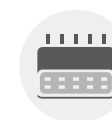
Reinforced M.2 SSD Slot

Prevents failures caused by vibration, overheating, or sudden power loss in industrial environments.



Software Dongle Security

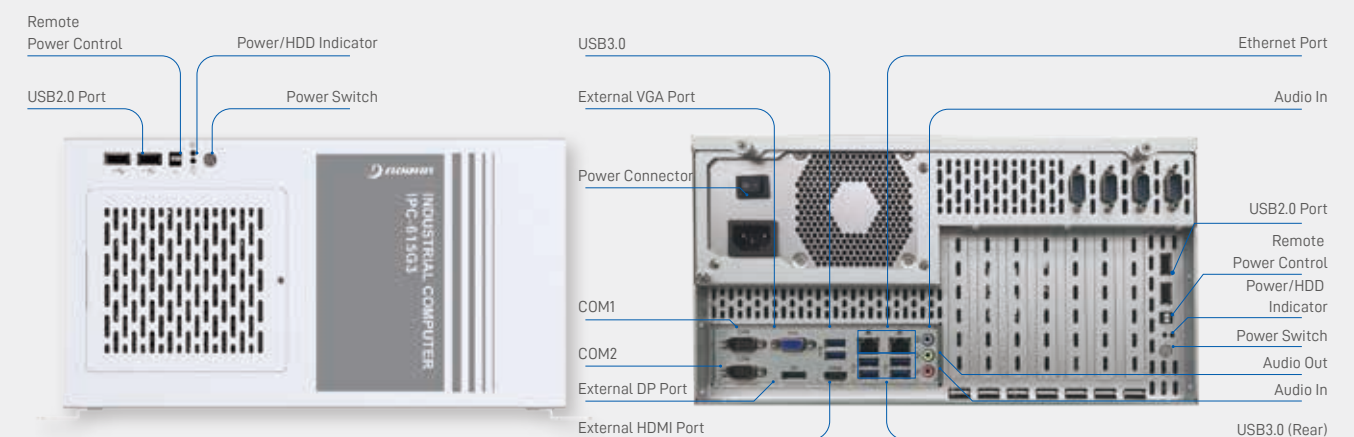
Built-in USB port for software dongle installation, enhancing license protection and preventing accidental loss.



Expandable I/O Ports

Multiple reserved I/O ports in the chassis meet various expansion needs.

Interface



IPC615G3 Series Wall-Mount Industrial PC – I/O overview



Product Model		IPC-615G3-H110	IPC-615G3-Q170
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® H110	Intel® Q170
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 2x USB2.0, Built-in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V	LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3× PCI (32bit)	2× PCI (32bit)
	PCIE	1 x PCIeX16(Gen3) slot 2 x PCIeX4(Gen2, x 1 link) slots, 1 x PCIeX4(Gen2, x 2 link) slot	2 x PCIeX16(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable in 1~255 levels	
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	370mm x 326mm x 180mm	
	Net Weight	13Kg	
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	0G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615G3-C236
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W
	Chipset	Intel C236
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB 2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232
	LAN Ports	LAN1:i219-V LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out
	PCI	3× PCI (32bit)
	PCIE	2 x PCIeX1 6(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable 1~255 levels
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux
Power	Voltage Input	AC100-240V,50-60Hz,5A
Mechanical Specification	Structure	Full steel chassis structure
	Dimensions	370mm x 326mm x 180mm
	Net Weight	13Kg
Enviromental Conditions	Work Temperature	0°C ~ 45°C (with SSD)
	Storage Temperature	-20°C ~ 60°C (with SSD)
	Relative Humidity	5~95% (non-condensing)
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27
	EMC	CE/FCC Class A

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC615-G3-H420E	IPC615-G3-Q470
Hardware Configuration	CPU	Intel® 10/11th generation Celeron/Pentium/Core-I series processor, TDP up to 125W	
	Chipset	Intel® H420E	Intel® Q470
	Memory	2 x DDR4 260-pin 2933/3200MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA supported on 10th Gen; PCIe supported on 11th Genprocessors.) 2 x SATA3.0 (up to 6Gb/s) support RAID 0/1
	USB	4x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB 2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB 2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1: i219V	LAN2: i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3×PCI (32bit)	2×PCI (32bit)
	PCIe	1 x PCIeX16(Gen3) slot 2 x PCIeX4(Gen2, x 1 link) slots, 1 x PCIeX4(Gen2, x 2 link) slot	2 x PCIeX16(Gen3) slots (1 x 16 or 2 x 8 link (default)) 2 x PCIeX4(Gen3) slots, 1 x PCIeX4(Gen3, x 1 link) slot
	Watchdog	Programmable in 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
	Structure	Full steel chassis structure	
	Dimensions	370mm x 326mm x 180mm	
Mechanical Specification	Net Weight	13Kg	
	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
Enviromental Conditions	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

Product Model		IPC-615G3-H610	IPC-615G3-Q670
Hardware Configuration	CPU	Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 125W	
	Chipset	Intel® H610	Intel® Q670
	Memory	2 x DDR4 260-pin 3200MHz SO-DIMM slots, up to 64GB	2 x DDR5 262-pin 4800/5600MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (PCIe4.0 x 4 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built-in USB 2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built-in USB 2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1: i219-V	LAN2: i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.	
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.	
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.	
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	PCI	3× PCI (32bit)	2× PCI (32bit)
	PCIe	1 x PCIe X16(Gen4) slot 1 x PCIe X4(Gen4) slot, 2 x PCIe X4(Gen4, X1 link) slots	2 x PCIe4.0 X 16 (1 x 16 or 2 x 8 link (default)) 3 x PCIe X4 (PCIe 4.0)
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
	Structure	Full steel chassis structure	
	Dimensions	370mm x 326mm x 180mm	
Mechanical Specification	Net Weight	13Kg	
	Work Temperature	0°C ~ 45°C (with SSD)	
	Storage Temperature	-20°C ~ 60°C (with SSD)	
Enviromental Conditions	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

IPC-615H1 Series Wall-mounted Industrial PC

High-performance Desktop & Wall-mount Solution



IPC-615H1 is a standard 19-inch 1U rackmount chassis designed to meet industry standards and ensure easy integration into a wide range of industrial environments. It is powered by high-performance Intel® Core™ i3/i5/i7/i9, Pentium®, and Celeron® desktop processors. The rear panel is equipped with a remote power-on terminal for convenient remote device control, while its rich I/O interface options fulfill diverse application requirements.

- Supports Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series LGA 1151 processor, TDP up to 95W
- Supports Intel® 10/11th Generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports triple independent display via HDMI, DP, and VGA (asynchronous output)
- Compatible with Windows 7, Windows 10, and Linux operating systems



Feature ●●●



Robust Chassis Design

Constructed with galvanized steel sheets, featuring dual ball-bearing fans and micro positive-pressure airflow for efficient cooling.



Versatile Power Supply Options

Multiple power supply interfaces allow independent power for each functional card, offering various configuration choices.



Reinforced SO-DIMM Slot

Secured memory slots ensure stable operation in vibration-prone and mobile scenarios, preventing poor memory contact.



Flexible Expansion Slots

Equipped with 7 internal expansion slots. Supports multiple PCI and PCIe buses depending on motherboard configuration.



Reinforced M.2 SSD Slot

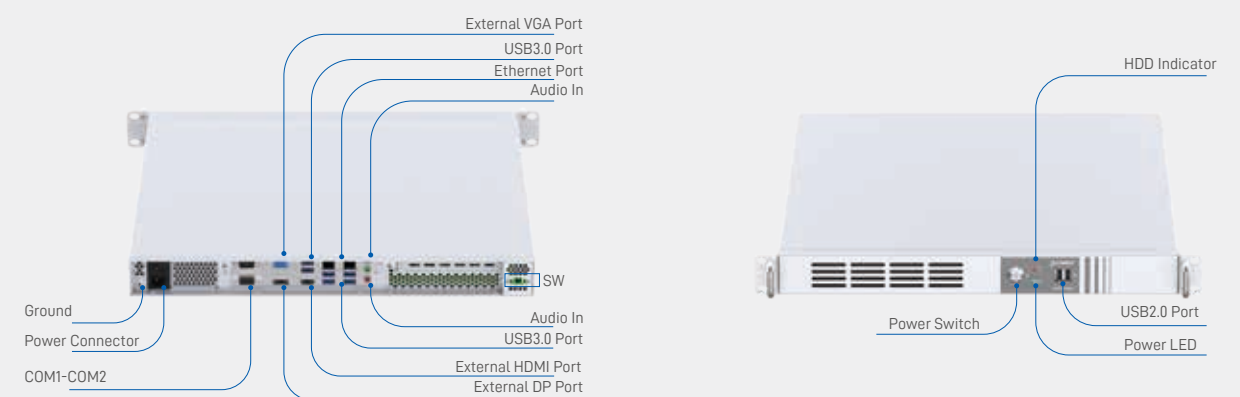
Prevents failures caused by vibration, overheating, or sudden power loss in industrial environments.



Software Dongle Security

Built-in USB port for software dongle installation, enhancing license protection and preventing accidental loss.

Interface



IPC615H1 Series Wall-Mount Industrial PC – I/O Overview



Product Model		IPC-615H1-H110	IPC-615H1-Q170
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 65W	
	Chipset	Intel® H110	Intel® Q170
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 2 x USB2.0, Built in USB2.0 dongle for security
	COM	2 x RS232/485	
	LAN Ports	LAN1:i219-V	LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1x Mic-in, 1 x Line-in, 1 x Line-out	
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	430mm x 481mm x 44.8mm	
	Net Weight	6.4 Kg	
Enviromental Conditions	Operating Temperature	0°C ~ 45°C (withSSD)	
	Storage Temperature	-20°C ~ 55°C (withSSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H1-C236
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 65W
	Chipset	Intel® C236
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	6 x USB3.0(5Gpbs), 2 x USB2.0, Built in USB2.0 dongle for security
	COM	2 x RS232/485
	LAN Ports	LAN1:i219-V LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1x Mic-in, 1 x Line-in, 1 x Line-out
	Watchdog	Programmable 1~255 levels
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux
Power	Voltage Input	AC100-240V,50-60Hz,5A
Mechanical Specification	Structure	Full steel chassis structure
	Dimensions	430mm *481mm* 44.5mm
	Net Weight	6.4 Kg
Enviromental Conditions	Work Temperature	0°C ~ 45°C (withSSD)
	Storage Temperature	-20°C ~ 55°C (withSSD)
	Relative Humidity	5~95% (non-condensing)
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27
	EMC	CE/FCC Class A

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

IPC-615H2 Series

Wall-mounted Industrial PC

High-performance Desktop & Wall-mount Solution



IPC-615H2 is a standard 19-inch 2U rackmount chassis designed to meet industry standards, ensuring easy integration into a wide range of industrial environments. Powered by high-performance Intel® Core™ i3/i5/i7/i9, Pentium®, and Celeron® desktop processors, it delivers exceptional data processing capabilities to efficiently handle various edge computing tasks. The system supports standard ATX motherboards, ensuring stability and reliability. In terms of expandability, it supports up to 7 half-height expansion slots, making it suitable for diverse industrial applications such as data acquisition, video surveillance, and more.

- Supports Intel® 6/7/8/9th Generation Celeron/Pentium/Core-I series LGA 1151 processor,TDP up to 95W
- Supports Intel® 10/11th Generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 125W
- Supports triple independent display via HDMI, DP, and VGA (asynchronous output)
- Compatible with Windows 7, Windows 10, and Linux operating systems



Feature ●●●



Robust Chassis Design
Constructed with galvanized steel sheets, featuring dual ball-bearing fans and micro positive-pressure airflow for efficient cooling.



Versatile Power Supply Options
Multiple power supply interfaces allow independent power for each functional card, offering various configuration choices.



Reinforced SO-DIMM Slot
Secured memory slots ensure stable operation in vibration-prone and mobile scenarios, preventing poor memory contact.



Remote Power On/Off
Supports PS-ON terminal for remote power on/off. Front or rear panel installation optional (only one position supported), Easy integration with cabinet controls.



Flexible Expansion Slots
Equipped with 7 internal expansion slots. Supports multiple PCI and PCIE buses depending on motherboard configuration.



Reinforced M.2 SSD Slot
Prevents failures caused by vibration, overheating, or sudden power loss in industrial environments.

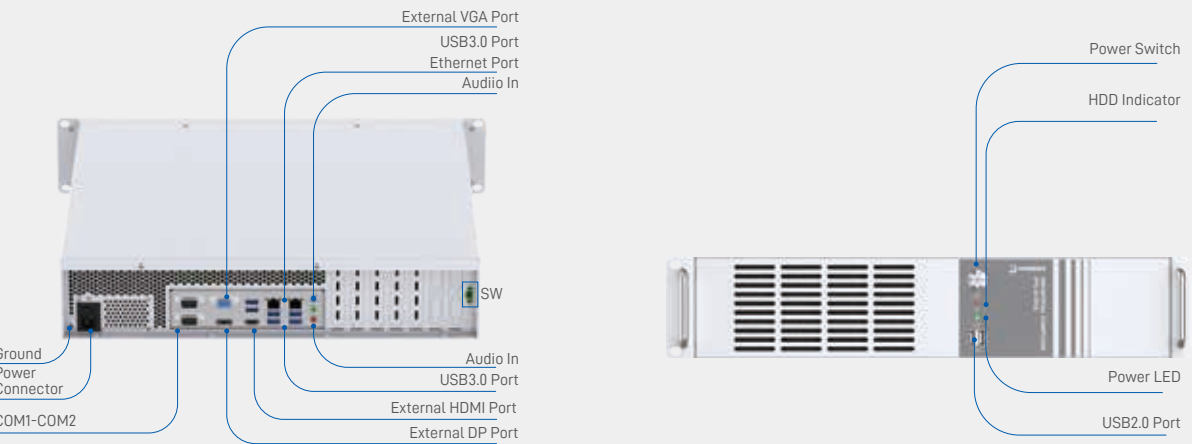


Software Dongle Security
Built-in USB port for software dongle installation, enhancing license protection and preventing accidental loss.



Expandable I/O Ports
Multiple reserved I/O ports in the chassis meet various expansion needs.

Interface



IPC615H2 Series Wall-Mount Industrial PC – I/O Overview



Product Model		IPC-615H2-H110	IPC-615H2-Q170
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® H110	Intel® Q170
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built in USB2.0 dongle for security	6 x USB3.0(5Gpbs), 4 x USB2.0, Built in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V	
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	430mm *456.5mm *89mm	
	Net Weight	8Kg	
Enviromental Conditions	Work Temperature	0°C ~ 40°C (with SSD)	
	Storage Temperature	-20°C ~ 55°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
		CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".

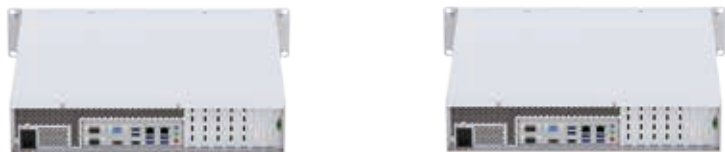
Product Model		IPC-615H2-C236	
Hardware Configuration	CPU	Intel® 6/7/8/9th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® C236	
	Memory	2 x DDR4 260-pin 1866/2133/2400/2666MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s), support raid 0/1	
	USB	6 x USB3.0(5Gpbs), 2 x USB2.0, Built in USB2.0 dongle for security	
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V	LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.	
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.	
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.	
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Windows 7/8.1(Only support with Intel 6th Gen. CPU), Windows 10, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	430mm *456.5mm *89mm	
	Net Weight	8Kg	
Enviromental Conditions	Work Temperature	0°C ~ 40°C (with SSD)	
	Storage Temperature	-20°C ~ 55°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
		CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H2-H420E	IPC-615H2-Q470
Hardware Configuration	CPU	Intel® 10/11th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® H420E	Intel® Q470
	Memory	2 x DDR4 260-pin 2933/3200MHz SO-DIMM slots, up to 64GB	
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	11 x M.2-2242/2280 Key M slot (10th Gen supports SATA protocol only, 11th Gen supports PCIe protocol) 2 x SATA3.0 (up to 6Gb/s) support RAID 0/1
	USB	6 x USB3.0(5Gpbs), 2 x USB2.0, Built in USB2.0 dongle for security	
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V	LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous dual display.	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous dual display.	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	430mm *456.5mm *89mm	
	Net Weight	8Kg	
Enviromental Conditions	Work Temperature	0°C ~ 40°C (with SSD)	
	Storage Temperature	-20°C ~ 55°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".



Product Model		IPC-615H2-H610	IPC-615H2-Q670
Hardware Configuration	CPU	Intel® 12/13th generation Celeron/Pentium/Core-I series processor, TDP up to 95W	
	Chipset	Intel® H610	Intel® Q670
	Memory	2 x DDR4 260-pin 3200MHz SO-DIMM slots, up to 64GB	2 x DDR5 262-pin 4800/5600MHz SO-DIMM slots, up to 64GB
	Storage	1 x M.2-2242/2280 Key M slot (SATA3.0 Signal) 2 x SATA3.0 (up to 6Gb/s)	1 x M.2-2242/2280 Key M slot (PCIe4.0 X 4 Signal) 2 x SATA3.0 (up to 6Gb/s) support RAID 0/1
	USB	4 x USB3.0(5Gpbs), 4 x USB2.0, Built in USB2.0 dongle for security	6 x USB3.0, 2 x USB2.0, Built in USB2.0 dongle for security
	COM	COM1-COM2:RS232/485(DB9), COM3-COM6:RS232	
	LAN Ports	LAN1:i219-V	LAN2:i210AT
	VGA	Maximum resolution: 1920×1080@60Hz, supports asynchronous third display.	
	HDMI	Maximum resolution: 4096×2160@30Hz, supports asynchronous third display.	
	DP	Maximum resolution: 4096×2160@60Hz, supports asynchronous third display.	
	Audio	Realtek ALC897 codec, 1 x Mic-in, 1 x Line-in, 1 x Line-out	
	Watchdog	Programmable 1~255 levels	
Operating System	Microsoft Windows	Win10 /11, Linux	
Power	Voltage Input	AC100-240V,50-60Hz,5A	
Mechanical Specification	Structure	Full steel chassis structure	
	Dimensions	430mm *456.5mm *89mm	
	Net Weight	8Kg	
Enviromental Conditions	Work Temperature	0°C ~ 40°C (with SSD)	
	Storage Temperature	-20°C ~ 55°C (with SSD)	
	Relative Humidity	5~95% (non-condensing)	
	Vibration	5~500Hz, 1.5Grms (with SSD), compliant with IEC60068-2-64	
	Operating Shock	10G, 11ms duration, half-sine wave (with SSD), compliant with IEC60068-2-27	
	EMC	CE/FCC Class A	

For more information, please visit our website at www.nodka.com or follow our WeChat official account "Nodka".