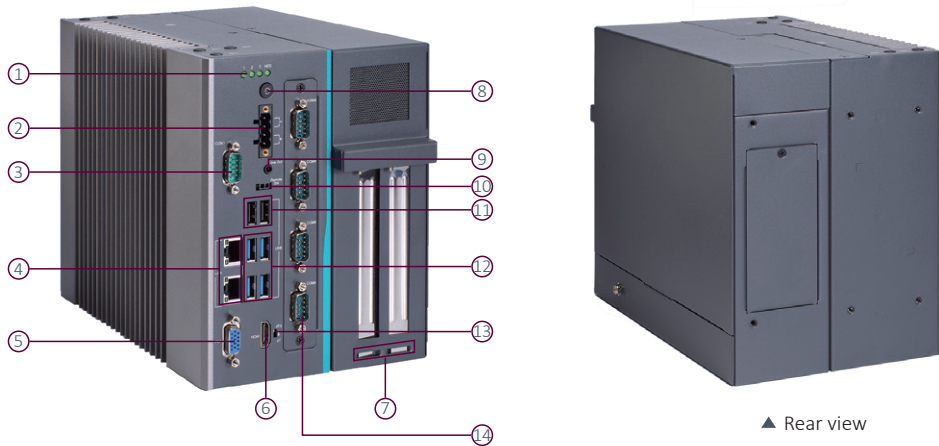


IPC962-525

2-slot Industrial System with LGA1151 Socket 9th/8th Gen Intel® Core™ i7/i5/i3 or Celeron® Processor, Intel® H310/Intel® Q370, Front-access I/O, and PCIe & PCI Slots



1. 1 x HDD/SSD access LED and 3 x user's LED
2. 4-pin terminal block
3. RS-232/422/485 (default RS-232)
4. 2 x LAN
5. VGA
6. HDMI

7. Expansion interface
 - (1) AX96205
 - (2) AX96206
 - (3) AX96207
8. Power on/off button with LED
9. Line-out
10. Remote switch
11. 2 x USB 2.0

12. Intel® H310: 4 x USB 3.1 Gen1
Intel® Q370: 4 x USB 3.1 Gen2
13. 1 x AT/ATX switch
14. Extension system I/O module
 - (1) AX93511
 - (2) AX93512
 - (3) AX93516
 - (4) AX93519
 - (5) Blank I/O cover



DDR4



Dual-View

Features

- LGA1151 socket 9th/8th Gen Intel® Core™ processor, up to 65W
- NVIDIA® GPU card, up to 125W
- Supports RAID 0, 1 (Intel® Q370)
- Supports Power-on delay function
- Supports TPM 2.0
- Supports Intel® AMT 12 (Intel® Q370)



Specifications

Standard Color	Silver & black		
Construction	Aluminum extrusion heavy-duty cold-rolled steel		
Processor	CPU Level	9th/8th Gen Intel® Core™ processor, up to 65W*	
System	Chipset	Intel® H310/Intel® Q370	
System Memory	2 x DDR4-2666/2400 MT/s un-buffered SO-DIMM, up to 64GB		
System I/O	Ethernet	1 x 10/100/1000 Mbps Ethernet (Intel® I210-AT) 1 x 10/100/1000 Mbps Ethernet (Intel® I219-LM)	
	Serial	1 x RS-232/422/485 (default RS-232, COM1)	
	USB	Intel® H310:	4 x USB 3.1 Gen1 2 x USB 2.0 1 x USB 2.0 (internal, 180D type A for license key, up to 30 mm)
		Intel® Q370:	4 x USB 3.1 Gen2 2 x USB 2.0 1 x USB 2.0 (internal, 180D type A for license key, up to 30 mm)
		Display	1 x VGA 1 x HDMI
	Audio	1 x Line-out	
	Others	1 x power on/off button with LED (ATX) 1 x remote switch 1 x 4-pin terminal block 1 x AT/ATX selectable switch	
TPM	TPM 2.0		
Expansion Interface	AX96205	1 x PCIe x16 Gen3 + 1 x PCIe x4 Gen3	
	AX96206	1 x PCIe x16 Gen3 + 1 x PCI	
	AX96207	2 x PCI	
	SIM	1 x SIM slot	
	PCIe	Intel® H310: 1 x full-size PCI Express Mini Card slot (USB interface) Intel® Q370: 1 x full-size PCI Express Mini Card slot (USB & PCIe interface) or 1 x M.2 Key B 3050 socket (project-base support)	
Storage	Intel® H310: 2 x 2.5" swappable HDD/SSD (7/9.5 mm height) Intel® Q370: 2 x 2.5" swappable HDD/SSD (7/9.5 mm height) with support for RAID 0, 1 1 x M.2 Key M 2280 socket (PCIe Gen3 x4) for NVMe SSD		
System Indicators	1 x HDD/SSD access LED 3 x user's LED		
Power Input	Type: ATX/AT Input: 24 VDC (uMin=19V/uMax=30V)		
Operating Temperature	-10°C to +60°C (+14°F to +140°F) with 9th/8th Gen Intel® Core™ and W.T. HDD/SSD*		
Storage Temperature	-20°C to +80°C (-4°F to +176°F)		
Relative Humidity	10% to 90% relative humidity, non-condensing		
Dimensions (W x D x H)	147.5 x 192 x 230 mm (5.8" x 7.54" x 9.04")		
Weight (net/gross)	4.382 kg (9.66 lb)/5.346 kg (11.8 lb)		
Certifications	CE (EN 61000-6-4/EN 61000-6-2), FCC		
OS support	Windows 10, Windows 11, Windows 10 IoT, Windows 11 IoT, and Linux OS		

* Please refer to the user manual for the list of CPU support and the operating temperature of the system.

Ordering Information

System

IPC962-525-N-DC-H310	2-slot industrial system with 9th/8th Gen Intel® Core™ processor and Intel® H310, and PCI Express Mini Card slot; without Axiomtek logo (project-base support)
IPC962-525-Q370 w/ blank IO + AX96205 (P/N: E26G962126)	2-slot industrial system with 9th/8th Gen Intel® Core™ processor, Intel® Q370, 2 PCIe slots and blank I/O; without Axiomtek logo

I/O Module & Riser Card

AX93511 (P/N: E29R127101)	4 x RS-232/422/485 module (default RS-232)
AX93512	2 x RS-232/422/485 with isolated 1.5kVDC & 8-in/8-out with isolated 1.5kVDC DIO module (support by project)
AX93516	4 x RS-232/422/485 with isolated 2kVDC module (support by project)
AX93519	1 x 10/100/1000 Mbps (Intel® I210-AT) Ethernet 2 x RS-232/422/485 & 2 x USB 3.1 (1 USB 3.1 Gen2 & 1 USB 2.0 signal or 2 USB 2.0 signal) module (Q370, project-base support)
AX96206	1 x PCIe x16 + 1 PCI expansion card (project-base support)
AX96207	2 x PCI expansion card (project-base support)

Optional

2.5" SATA HDD/SSD	
M.2 Key M 2280 (PCIe x4) NVMe SSD	
DDR4-2666 MT/s non-ECC SO-DIMM, up to 64GB	
E29R127130	IPC962 fan module kit (internal)
	IPC962 fan module kit (external)
E29R127134	Wall mount bracket kit
509000001500	Adaptor 24V/120W, wire only
50906A24000E	Adaptor 24V/230W, wire only
5946G962000E	Graphics card power cable ATX4P/BTX6 + 2P, L = 200mm

Power Protection

DC Version

OVP (over voltage protection)
OCP (over current protection)
Reverse protection

Packing List

1 x IPC962-525 unit
1 x screw pack
4 x foot pad
1 x CPU grease
1 x terminal block
1 x remote power switch cable
1 x holder bracket kit
1 x HDD spacer

Dimensions

