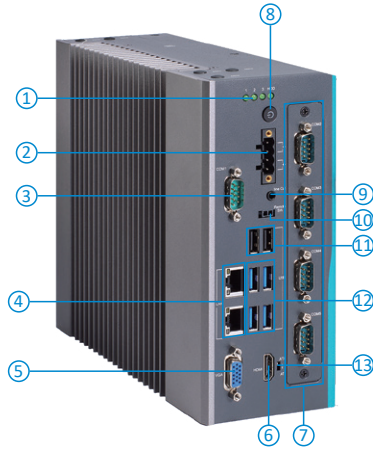


IPC960-525-FL

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



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|---|--|
| <ul style="list-style-type: none"> 1. 1 x HDD/SSD access LED & 3 x User's LED 2. 4-pin terminal block 3. RS-232/422/485 (default RS-232) 4. 2 x GbE LAN 5. VGA 6. HDMI 7. Extension system I/O module <ul style="list-style-type: none"> (1) AX93511 (2) AX93512 (3) AX93516 (4) AX93519 (5) Blank I/O cover | <ul style="list-style-type: none"> 8. Power on/off button with LED 9. Line-out 10. Remote switch 11. 2 x USB 2.0 12. 4 x USB 3.1 Gen.1 13. AT/ATX switch |
|---|--|

Features

- LGA1151 Socket 9th/8th gen Intel® Core™ processor, up to 65W
- M.2 Key B slot for 5G wireless connection (optional)
- Supports RAID 0,1 (Intel® Q370)
- Supports power-on delay function
- Supports TPM 2.0
- Supports AMT (Intel® Q370)



Fanless



DDR4



Dual-View

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	2 x 10/100/1000 Mbps Ethernet (Intel® I210-AT & 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 30mm)	
		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 30mm)			
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		

Specifications

Expansion Interface	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	ATX/AT type connector with 24 VDC input (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)	
Humidity	10% to 90%, non-condensing	
Dimensions	83.5 mm (3.28") (W) x 192 mm (7.54") (H) x 230 mm (9.04") (D)	
Weight (net/gross)	3.82 kg (8.43 lb)/4.78 kg (10.55 lb)	
Certifications	CE/FCC	
OS support	Windows 10, Windows 11, Windows 10 IoT, Windows 11 IoT, Linux OS	

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

Ordering Information

System

IPC960-525-N-DC-FL-H310 (P/N: E26G960107)	Fanless industrial system with 9th/8th gen Intel® Core™ processor, Intel® H310, and PCI Express Mini Card slot, without Axiomtek logo
IPC960-525-N-DC-FL-Q370 (P/N: E26G960105)	Fanless industrial system with 9th/8th gen Intel® Core™ processor, Intel® Q370, and PCI Express Mini Card slot, without Axiomtek logo

I/O Module & Riser Card

AX93511 (P/N: E29R127101)	4 x RS-232/422/485 module (default RS-232)
AX93512 (P/N: E29R127102)	2 x RS-232/422/485 with isolated 1.5kVDC & 8-in/8-out with isolated 1.5kVDC DIO module (support by project)
AX93516 (P/N: E29R127103)	4 x RS-232/422/485 with isolated 2kVDC module (support by project)
AX93519 (P/N: E29R127104)	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)
726G9740690E	Blank I/O cover

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	
E29R127134	Wall mount bracket kit
E29R127135	Din-rail mounting kit
50906D24000E	Adaptor 24V/120W, wire only
50906A24000E	Adaptor 24V/230W, wire only

Power Protection

DC Version

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

Packing List

1 x IPC960-525-FL 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 HDD spacer

Dimensions

