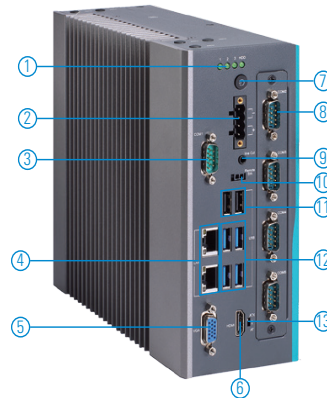


# IPC960-525-FL NEW

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

## 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 12 (Intel® Q370)
- 2-slot/4-slot expansion kit for further expansion



- |  |  |                       |
|--|--|-----------------------|
| 1. 1 x HDD/SSD access LED & 3 x user's LED | 7. Switch for power on/off w/LED   | 9. Line-out           |
| 2. 4-pin terminal block                    | 8. Extension system I/O module (1) AX93511 (2) AX93512 (3) AX93516 (4) AX93519 | 10. Remote switch     |
| 3. RS-232/422/485 (default RS-232)         |  | 11. 2 x USB 2.0       |
| 4. 2 x LAN                                 |  | 12. 4 x USB 3.1 Gen.1 |
| 5. VGA                                     |  | 13. 1 x AT/ATX switch |
| 6. HDMI                                    |  |                       |



## Specifications

Standard Color	Silver & black	
Construction	Aluminum extrusion heavy-duty cold-rolled steel	
Processor System	CPU Level 9th/8th gen Intel® Core™ processor, up to 65W*	
	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® i211-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 RS-232/422/485 (default RS-232)
		1 x Switch for power on/off w/LED (ATX)
		1 x Remote switch
		1 x 4-pin terminal block 1 x AT/ATX selectable switch
	Expansion System I/O Module	AX93511 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		
AX93516 4 x RS-232/422/485 with isolated 2kVDC module		
AX93519 Intel® Q370: 1 x 10/100/1000 Mbps Ethernet, 2 x RS-232/422/485 and 2 x USB 3.1 (1 USB 3.1 Gen2 & 1 USB 2.0 signal) module		

TPM	TPM 2.0
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
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), supports 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)
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

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

## Ordering Information

System	
PC960-525-N-DC-FL-H310 (P/N: E26G960107)	Fanless industrial system with 9th/8th gen Intel® Core™ processor and Intel® H310 and PCI Express Mini Card slot, w/o 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, w/o Axiomtek logo
IPC960-525-N-DC-FL-Q370-5G (P/N: E26G960104)	Fanless industrial system with 9th/8th gen Intel® Core™ processor, Intel® Q370 and 5G wireless version, w/o Axiomtek logo

### I/O Module & Riser Card

AX93511 (P/N: 826G9620170E)	4 x RS-232/422/485 module (default RS-232)
AX93512 (P/N: 826G9620200E)	2 x RS-232/422/485 with isolated 1.5kVDC & 8-in/8-out with isolated 1.5kVDC DIO module
AX93516 (P/N: 826G9620180E)	4 x RS-232/422/485 with isolated 2kVDC module
AX93519 (P/N: 826G9620190E)	1 x 10/100/1000 Mbps (Intel® i211-AT) Ethernet 2 x RS-232/422/485 & 2 x USB 3.1 (1 USB 3.1 Gen2 & 1 USB 2.0 signal) module (for Intel® Q370)
726G9740690E	Blank I/O cover

## Power Protection

### DC Version

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

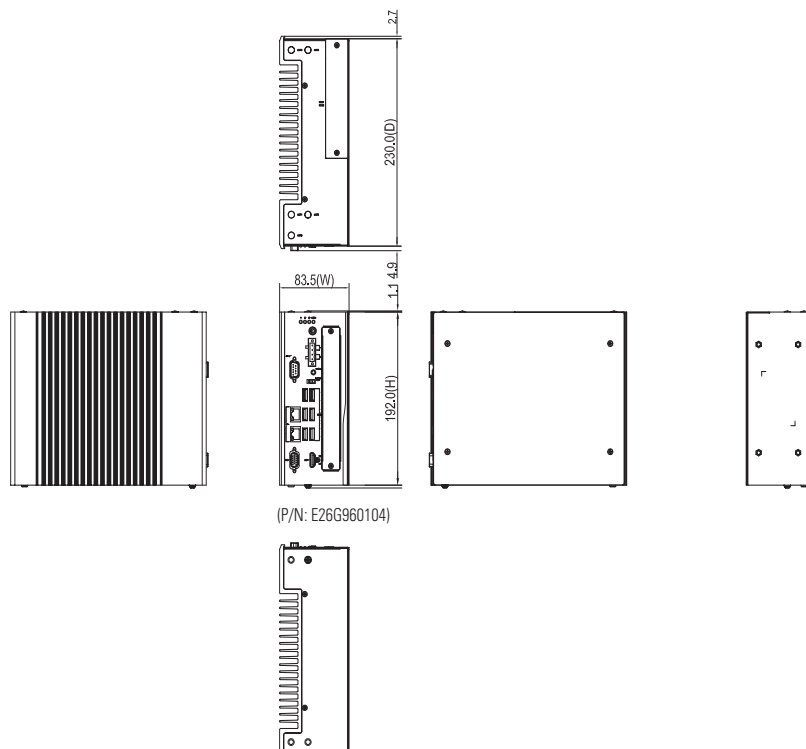
### Optional

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	
8816G962AA0E	Wall mount bracket kit
8816G9600A0E	Din-rail mounting kit (for IPC960)
50906D24000E	Adaptor 24V/120W, wire only
50906A24000E	Adaptor 24V/230W, wire only
AX96205 expansion kit (P/N: E26G962116)	1 PCIe x16 + 1 PCIe x4 w/chassis expansion kit
AX96206 expansion kit (P/N: E26G962117)	1 PCIe x16 + 1 PCI w/chassis expansion kit
AX96207 expansion kit (P/M: E26G962118)	2 PCI w/chassis expansion kit
8816G962BA0E	Fan module kit (internal, for AX96205/6/7 w/chassis expansion kit)
8816G962CA0E	Fan module kit (external, for AX96205/6/7 w/chassis expansion kit)
8816G9629A0E	NVIDIA® Tesla T4 GPU card fan module kit (for AX96205 w/chassis expansion kit)
AX96410 expansion kit (P/N: E26G964107)	1 PCIe x16 + 3 PCIe x4 w/chassis expansion kit (for Intel® Q370)
AX96411 expansion kit (P/N: E26G964108)	1 PCIe x16 + 1 PCIe x4 + 2 PCI w/chassis expansion kit (for Intel® Q370)
8816G9643A0E	Fan module kit (internal, for AX96410/11 expansion kit)
8816G9644A0E	Fan module kit (external, for AX96410/11 expansion kit)
5946G962000E	Graphics card power cable ATX4P/BTX6 + 2P, L = 200mm

## 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



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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