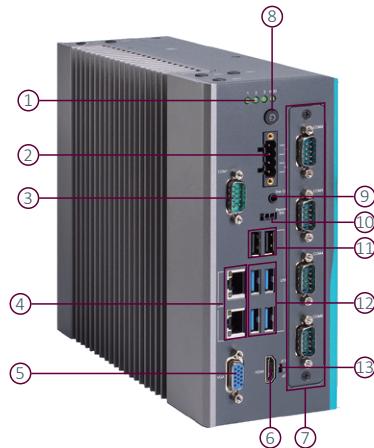


IPC960-525-FL

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



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 window
8. Power on/off button with LED
9. Line-out
10. Remote switch
11. 2 x USB 2.0
12. 4 x USB 3.2 Gen 1
13. AT/ATX switch



Features

- LGA1151 Socket 9th/8th gen Intel® Core™ processor, up to 65W
- Supports power-on delay function
- Supports TPM 2.0

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
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	4 x USB 3.1 Gen 1 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

Specifications

TPM	TPM 2.0
Expansion Interface	SIM 1 x SIM slot PCIe 1 x full-size PCI Express Mini Card slot (USB interface)
Storage	2 x 2.5" swappable HDD/SSD (7/9.5 mm height)
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)
Relative Humidity	10% to 90% relative humidity, non-condensing
Dimensions (W x D x H)	83.5 x 192 x 230 mm (3.28" x 7.54" x 9.04")
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, and 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-H310	Fanless industrial system with Intel® H310 and blank extension system I/O cover; without Axiomtek logo w/ Blank IO (P/N: E26G960107)
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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 (project-based support)
AX93516	4 x RS-232/422/485 with isolated 2kVDC module (project-based support)

Optional

2.5" SATA HDD/SSD
DDR4-2666 MT/s non-ECC SO-DIMM, up to 64GB
E29R127134
Wall mount bracket kit
E29R127135
DIN-rail mounting kit (project-based support)
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

