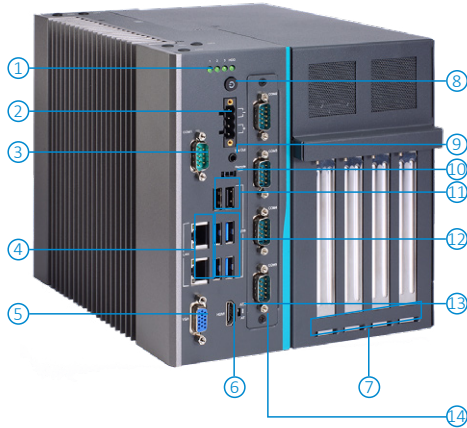


IPC964-525

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



- | | |
|--|---------------------------------|
| 1. 1 x HDD/SSD access LED & 3 x user's LED | 11. 2 x USB 2.0 |
| 2. 4-pin terminal block | 12. 4 x USB 3.1 Gen2 |
| 3. RS-232/422/485 (default RS-232) | 13. 1 x AT/ATX switch |
| 4. 2 x LAN | 14. Extension system I/O module |
| 5. VGA | (1) AX93511 |
| 6. HDMI | (2) AX93512 |
| 7. Expansion interface | (3) AX93516 |
| (1) AX96410 | (4) AX93519 |
| (2) AX96411 | (5) Blank I/O cover |
| 8. Power on/off button with LED | |
| 9. Line-out | |
| 10. Remote switch | |

Features

- LGA1151 socket 9th/8th gen Intel® Core™ processor, up to 65W
- NVIDIA® GPU card, up to 125W
- M.2 Key B slot for 5G wireless connection (project-based support)
- Supports RAID 0,1
- Supports power-on delay function
- Supports TPM 2.0
- Supports Intel® AMT 12



DDR4 Dual-View



▲ Rear 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® 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	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

Specifications

Expansion Interface	AX96410	1 PCIe x16 + 3 PCIe x4
	AX96411	1 PCIe x16 + 1 PCIe x4 + 2 PCI (project-based support) 1 x Full-size PCI Express Mini Card slot (USB & PCIe interface) or 1 x M.2 Key B 3050 socket (project-based support)
	SIM	1 x SIM slot
Storage	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)	
Humidity	10% to 90%, non-condensing	
Dimensions	188.1 mm (7.39") (W) x 192 mm (7.4") (H) x 230 mm (9.04") (D)	
Weight (net/gross)	4.8 kg (10.56 lb)/5.9 kg (12.98 lb)	
Certifications	CE (EN 61000-6-4/EN 61000-6-2), FCC	
OS support	Windows 10, Windows 11, Windows 10 IoT, Windows 11 IoT, Linux OS	

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

Ordering Information

System

IPC964-525-N-DC-Q370 (P/N: E26G964105)	4-slot industrial system with 9th/8th gen Intel® Core™ processor, Intel® Q370, and PCI Express Mini Card slot; without Axiomtek logo
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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 (project-based support)
AX93516 (P/N: E29R127103)	4 x RS-232/422/485 with isolated 2kVDC module (project-based support)
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) module
721000080200	Blank I/O cover
AX96410 (P/N: 83964101000E)	1 x PCIe x16 + 3 PCIe x4 expansion kit
AX96411 (P/N: 83964111010E)	1 x PCIe x16 + 1 PCIe x4 + 2 PCI expansion kit (project-based 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	
E29R127132	Fan module kit (internal)
E29R127133	Fan module kit (external)
5946G962000E	Graphics card power cable ATX4P/BTX6 + 2P, L = 200mm
E29R127134	Wall mount bracket kit
509000001500	Adaptor 24V/120W, wire only
50906A24000E	Adaptor 24V/230W, wire only

Power Protection

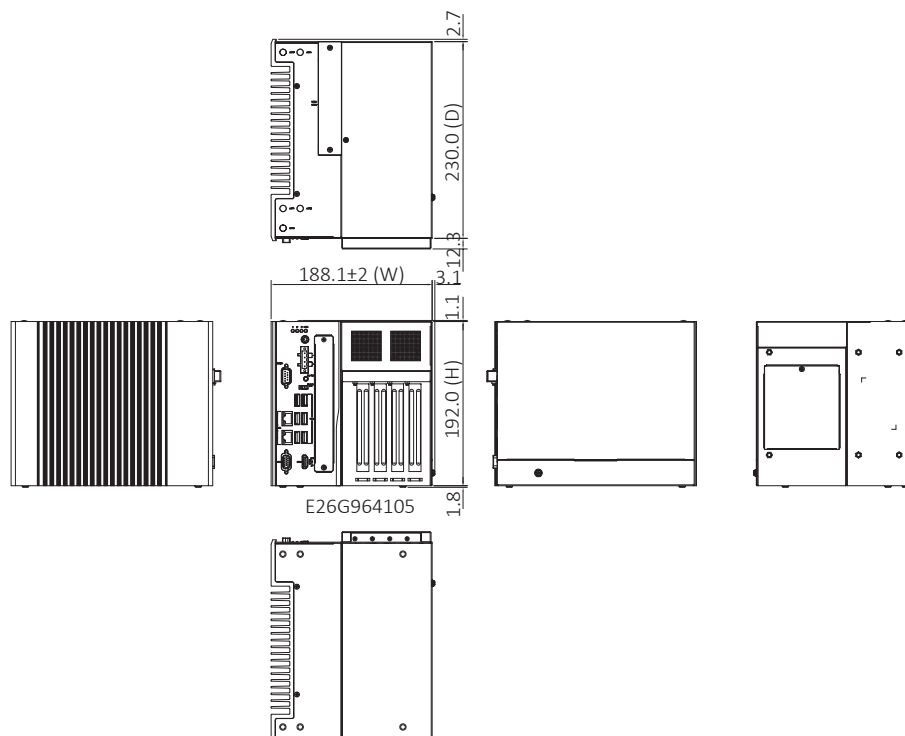
DC Version

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

Packing List

1 x IPC964-525 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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Axiomtek:](#)

[IPC964-525-N-DC-Q370-5G](#)