

# 4U Rack Mounted Industrial PC

Model: IPC400-Q670



## Part 1 Specification Abstract

	Model	Parameter
Processor	CPU	Support Intel® 12/13th Generation Core/Pentium/ Celeron Desktop CPU
	Chipset	Intel® Alder Lake PCH-S, Q670, TDP 6W
	BIOS	AMI UEFI BIOS (Support Watchdog Timer)
Memory	Socket	Support DDR4-3200MHz, 4×Non-ECC U-DIMM Slot
	Max Capacity	Up to 128 GB
Graphics	Controller	Intel® UHD Graphics
Ethernet	Controller	1×Intel I219-V GBE LAN Chip (10/100/1000 Mbps) 1×Intel I225-V 2.5G LAN Chip (10/100/1000/2500Mbps)
Storage	SATA	4×SATA3.0 7P Connector, SupportRAIDO,1,5,10
	MSATA	1×M.2 (NGFF) Key-M Slot (PCIe x4 NVMe/ SATA SSD Auto Detect, 2242/2280)
Expansion Slots	PCIe	1×PCI-E 16X slot(PCIe 8X GEN4)
		1×PCI-E 16X slot(PCIe 8X GEN4)
		1×PCI-E 4X slot(PCIe 4X GEN4)
		1×PCI-E 4X slot(PCIe 4X GEN3)
	Mini PCIe	1×Mini PCI-E Slot (WIFI+4G), with 1×SIM Card
	PCI	1×PCI slot
	GPIO	8×GPIO
Front I/O	Ethernet	2×RJ45
	USB	6×USB3.0 (Type-A)
	PS/2	1×PS/2 (Keyboard & Mouse)
	Display	1×VGA
		1×DVI
		1×HDMI
	Audio	1×MIC + 1×Line-out + 1×Line-in
Serial	4×RS232+1×RS232/RS485+1×RS232/RS422/RS485	
Rear I/O	USB	2×USB2.0 (Type-A)
	Button	1×Power Button, 1×Reset Button
	LED	1×Power status LED, 1×Hard drive status LED
System	Windows	Windows 10/11, Linux
Power Supply	Type	ATX
	Power Input Voltage	AC power supply

Environment	Heat Dissipation System	PWM fan cooling
	Operating Temperature	0~60℃
	Storage Temperature	-20~75℃
Mechanical	Enclosure Material	SGCC
	Shell color	Industrial Grey
	Dimensions	508.9mm(L) × 482mm(W) × 177mm(H)
	Mounting	Shelf mounted installation

Part 2 Drawings

