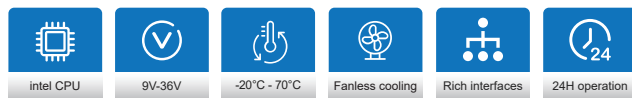# SD907 IPC-A Quad-Slot Version

It is a high-performance expandable industrial computer designed for the peripheral applications around the industrial Internet of Things. It has four PCIe/PCI slots for enhanced expansion, it built with the H610 chipset, comes with an Intel® 12th generation Alder lake-S series processor, dual-channel DDR5 and rich I/O ports. With 9V-36V wide voltage input, excellent heat dissipation structure and strong mechanical design, it ensures reliability and stability in harsh environments.
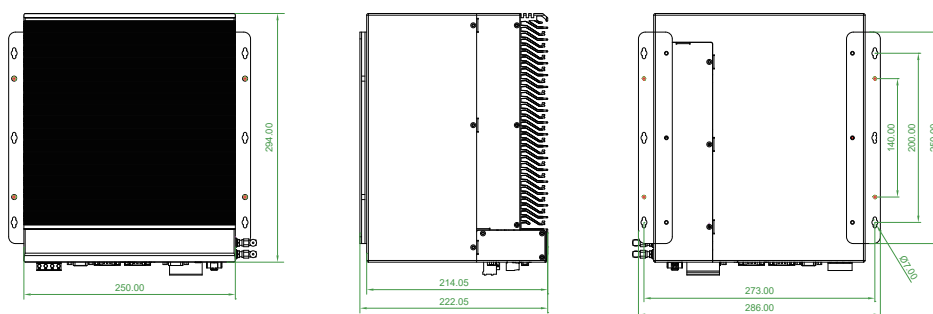
Product Features »

- Discrete CPU, supports Intel® 12th/13th/14th generation Core™ i3/i5/i7/i9 processors.
- Rich I/O interfaces, USB*6, COM*4 and 16bit isolated GPIOs
- Powerful scalability, 1*PCIEX16+1*PCIEX4+2*32BIT PCI four slots, compatible with graphics cards / data acquisition cards /Motion control cards and other types of expansion cards.
- Modularized industrial design, more convenient for expansion and upgrading.
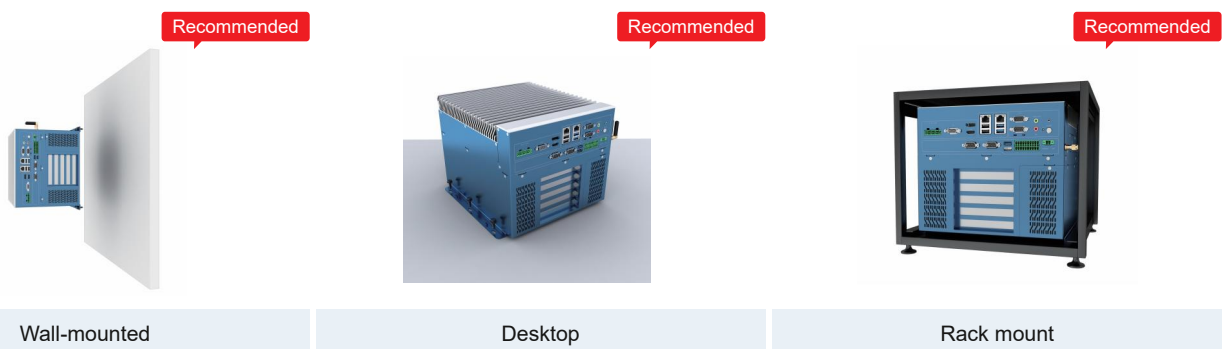- 8K+4K three-screen simultaneous display/disparate display, 1*DP+1*HDMI and 1*VGA

intel CPU	9V-36V	-20℃ - 70℃	Fanless cooling	Rich interfaces	24H operation

Model »

Model		SD907						
Processor		I3-12100, I5-12400, I7-12700, I9-12900 CPU						

Dimension »

294.00   250.00   214.05   222.05   140.00   200.00   250.00   273.00   286.00

Installation »

Recommended

Recommended

Recommended

Wall-mounted	Desktop	Rack mount

Product Parameter »

Configuration

CPU	Intel® Alder lake-S 12th Gen Core™ i9/i7/i5/i3/Pentium/Celeron LGA1700 CPU
	CPU Model: I3-12100, I5-12400, I7-12700, I9-12900 (Upgradeable to 13th/14th generation discrete CPU)
Memory (RAM)	Standard 16GB, Support 2*262-Pin SODIMM, dual-channel DDR5 4800MHz, max 64GB
Hard Disk Storage	Standard 500GB SSD 2*2.5" SATA3 easy-plug HDD cages, high-capacity 15mm thickness HDD, supports up to 6Gbps transfer speeds 1*Full-length mSATA with SATA3.0, supports up to 6Gbps transfer rate
Operating System	Windows 10/11, Linux/Ubuntu/Redhat/Debian Options
Cooling System	Fanless copper tube cooling

Other Parameter

Power Supply	DC IN 9-36V(Support upgrade to 20~60V wide voltage power supply)
Power Consumption	≤150W
Power Adapter	DC 24V adapter (Optional, support upgrade to AC 220V built-in switching power supply)
Operating Temperature	-20°C~70°C
Storage Temperature	-30°C~80°C
Reliability Testing	Anti-static design, anti-surge design
Bare Weight	8.19KG
Dimension	250mm*294mm*222.05mm
Material	SGCC galvanized sheet, aluminum alloy
Color	Silver + Dark Blue
Installation	Wall-mounted, desktop, rack-mounted

I/Os Parameter

USB	3*USB3.0, 3*USB2.0, 4*USB2.0 pins (built-in)
Ethernet	2* RJ45 Ethernet (1000 Mbps + 2500 Mbps)
Serial Port	4*COM Upgradeable to 6*COM (2*232/422/485 COM1,COM2 switchable by BIOS setting 4*232/485 switchable by jump cap)
Display Interface	DP*1, HDMI*1, VGA*1
GPIO	16-channel opto-isolated (can be upgraded with 16-channel non-isolated GPIOs)
Extended Interface	1*PCIEX16, 1*PCIEX4, 2*32BIT PCI
Wi-Fi/Bluetooth	1*M.2 support Key-E interface WiFi/Bluetooth module
4G/5G	1*M.2 support Key-B interface M.2 5G (3052/3042) module or M.2 4G (3042) module
Audio	Realtek ALC897 audio, 1*Line out and 1*MIC high fidelity audio, support 5.1 channels
Buttons/Indicators	1* Power Button w/LED, 2-Pin Phoenix Terminal Remote Switch, AT-ATX DIP Switch, Clear Cmos DIP Switch

I/O Ports »