

IPC-520S

Small and Compact Wall Mount chassis

IPC-520S is a small and compact PC, which is made of sheet metal material, and has excellent heat dissipation and vibration resistance. It can be equipped with an EC7 series motherboard. The H110/C236 platform motherboard supports 6/7th-generation series processors having Intel LGA 1151 pins, supports full-height and half-length expansion cards, and has excellent expansibility, so the product can be installed in a narrow space. It can be widely used in industries such as industrial manufacturing, machine vision, and security inspection.



Product Features



Small size

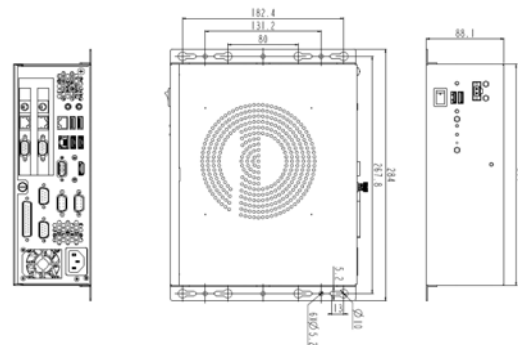


Multi-expansion



Multiple IO ports

Product Dimensions Drawing



Please refer to the user manual to check detailed specifications and dimension. (Unit: MM)

Product Specifications

Item	Description
Motherboard	Supports Mini-ITX motherboard
Chipset	Intel® H110/C236 platform chipset
CPU	Supports Intel® LGA 1151 pin 6/7th-generation processors
Memory	1 x DDR4 U-DIMM slot, supporting up to 16G memory capacity
I/O ports	Rear: 2 x USB3.0, 2 x USB2.0 4 x COM, COM1, COM2 support RS232\RS422\RS485 1 x VGA, 1 x HDMI 2 x Gigabit LAN port 1 x ATX power socket 1 x LINE-IN, 1 x LINE-OUT 1 x 16-bit GPIO, brought out via lead wire by means of DB44 Front: 2 x USB2.0 port Power switch at front Phoenix terminal connector used for connecting power supply at front
Storage	1 x 2.5" shock-absorption hard disk bay, not support, optical drive installation
Bus Expansion	1 x PCIe*16
Working Environment	0°C~50°C, 5%~90%(non-condensing)
Storage Temperature	-20°C~60°C, 5%~90%(non-condensing)
Power supply	MiniATX industrial-grade power supply
Operating System	WIN7, WIN8, WIN10, LINUX
Dimensions (W×H×D)	250mm×210mm×88mm

Ordering Information

Part No.	Model	Description
0010-114851	IPC-520S-01	EC7-1821-H110 motherboard/I3-6100/4G memory/500G HDD/ATX 200W power supply/no optical drive, no keyboard and mouse/2 x LAN port, 6 x COM port (4 external ports on the chassis; 2 motherboard pins), VGA+HDMI dual display, 6 x USB/1 x LINE-IN, 1 x LINE-OUT/1 x 16-channel GPIO pin brought out via lead wire by means of DB44/1 x PCIe*16 (heat dissipation holes at the top of the chassis)
0010-114861	IPC-520S-02	EC7-1821-H110 motherboard/I5-6500/4G memory/1T HDD/ATX 200W power supply/no optical drive, no keyboard and mouse/2 x LAN port, 6 x COM port (4 external ports on the chassis; 2 motherboard pins), VGA+HDMI dual-display, 6 x USB/1 x LINE-IN, 1 x LINE-OUT/1 x 16-channel GPIO pin brought out via lead wire by means of DB44/1 x PCIe*16 (heat dissipation holes at the top of the chassis)
0010-062731	IPC-520S barebone system	EC7-1821-H110-01 motherboard/no CPU/no memory/no hard disk/ATX 200W power supply/no optical drive, no keyboard and mouse/2 x LAN port, 6 x COM port (4 external ports on the chassis; 2 motherboard pins), VGA+HDMI dual display, 6 x USB/1 x LINE-IN, 1 x LINE-OUT/1 x 16-channel GPIO pin brought out via lead wire by means of DB44/1 x PCIe*16 (no heat dissipation hole at the top of the chassis) Note: Axial fan heat sink is used, and this configuration does not support insertion of an expansion card
0020-062741	IPC-520S-01 barebone system	EC7-1821-C236 motherboard/no CPU/no memory/no hard disk/ATX 200W power supply/no optical drive, no keyboard and mouse/2 x LAN port, 6 x COM port (4 external ports on the chassis; 2 motherboard pins), VGA+HDMI duan display, 6 x USB/1 x LINE-IN, 1 x LINE-OUT/1 x 16-channel GPIO pin brought out via lead wire by means of DB44/1 x PCIe*16 (heat dissipation holes at the top of the chassis)

Optional Accessories

Part No.	Model	Description
0060-005061	2*PCI expansion board	Full-height half-length expansion card used for expanding PCI port
0060-005051	PCIe*16 expansion board	Full-height half-length expansion card used for expanding PCIe*16 port
0090-005271	2*PCIe*8 expansion board(EB-X16-200B)	Full-height half-length expansion card used for expanding PCIe*8 port, used together with a C236 platform motherboard
0090-005281	1*PCIe*8+1*PCI expansion board(EB-X16-110B)	Full-height half-length expansion card used for expanding PCIe*8+PCI ports, used together with a C236 platform motherboard

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