

IPC-520S

Small Compact Wall-mounted Chassis

IPC-520S is a small and compact chassis made of sheet metal, with good heat dissipation and vibration resistance. It can be installed with the EC7 series motherboard. The H110/C236 platform's motherboard supports Intel LGA 1151 pin 6th and 7th Gen series processors and extended full-height half-length expansion cards. It has good expansion performance and can be installed in narrow spaces and it can be widely used in industrial manufacturing, machine vision industry, security inspection industry and other industries.



Product Features



Small size

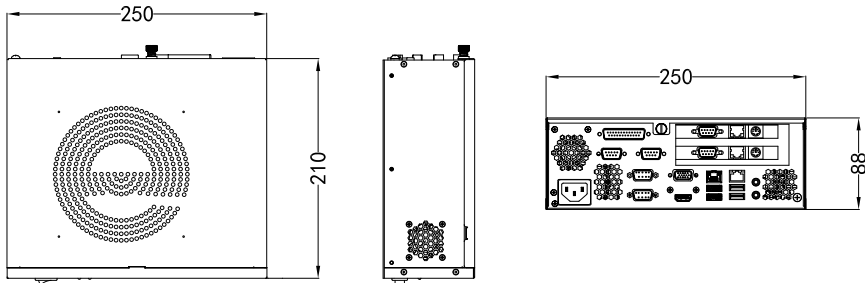


Multi-expansion



Multiple IO ports

Product Dimensions Drawing



(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item	Description
Motherboard	Supports Mini-ITX motherboard
Chipset	Intel H110/C236 platform chipset
CPU	Supports Intel LGA 1151-pin 6th and 7th Gen series processors
Memory	1 x DDR4 U-DIMM slot, supporting up to 16G memory capacity
I/O port	Rear: 2 x USB3.0, 2 x USB2.0; 4 x COM, COM1 and COM2 support RS232\RS422\RS485; 1 x VGA, 1 x HDMI; 2 x Gigabit LAN port; 1 x ATX power outlet; 1 x LINE-IN, 1 x LINE-OUT; 1 x 16-bit GPIO is brought out via lead wire by means of DB44; Front: 2 x USB2.0 port; Front power switch; The Phoenix terminal port is used to connect the front power supply
Memory	1 x 2.5-inch shock-absorbing hard disk bay, without optical drive installation
Bus Expansion	1 x PCIe x16
Working Temperature	0°C~50°C, 5%~90% (non-condensing state)
Storage Temperature	-20°C~60°C, 5%~90% (non-condensing state)
Power Supply	1U small power supply
Operating System	WIN7、WIN8、WIN10、LINUX
Overall 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 hard disk/ATX 200W power supply/without optical drive, without keyboard and mouse/2 x LAN port, 6 x serial port (4 x external chassis, 2 x motherboard pin), 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 (with heat dissipation holes above the chassis)
0010-114861	IPC-520S-02	EC7-1821-H110 motherboard/I5-6500/4G memory/1T hard disk/ATX 200W power supply/without optical drive, without keyboard and mouse/2 x LAN port, 6 x serial port (4 x external chassis, 2 x motherboard pin), 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 (with heat dissipation holes above the chassis)
0020-062731	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 serial port (4 x external chassis, 2 x motherboard pin), 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 (without heat dissipation hole above the chassis) Note: The axial flow fan radiator is adopted, and this configuration does not support the insertion of expansion cards
0020-062741	IPC-520S-01barebone 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 serial port (4 x external chassis, 2 x motherboard pin), 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 (with heat dissipation holes above the chassis)

Supporting Board

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

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.