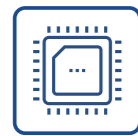PARHELIA

Intelligent manufacturing

EC7-1821

Mini-ITX Motherboard

EC7-1821 motherboard is a standard Mini-ITX motherboard which adopts H110 chipset and supports 6th/7th Gen processors in the LGA1151 package. It has one vertical insertion USB port onboard, supports expansion to encryption devices, multiple COM ports, multiple U ports, and dual Gigabit LAN ports, and provides one PCIE x16 expansion port. The motherboard is widely used in industries such as banking, taxation, ETC, industrial manufacturing, and machine vision.
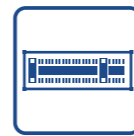
Product Specifications

Item	Description
Processor	Supports Intel LGA 1151 pin 6/7th Gen processors
Chipset	H110
Memory	1 x DDR4 DIMM memory slot, the single memory slot supporting 16GB
Display Ports	VGA, HDMI dual display
Audio Ports	Supports MIC-IN/LINE-OUT
LAN	2 x 10/100/1000Mbps LAN port
Storage	2 x SATA3.0
IO Ports	6 x COM port, COM1, COM2 support RS-232/RS-422/RS-485 mode selection 4 x USB2.0, 4 x USB3.0 1 x 16-channel digital I/O port
Bus Expansion	1 x PCIEx16
Power Supply	ATX power supply
Working Environment	0°C～50°C
Storage Environment	-20°C～60°C
Constant Damp Heat	40°C 95%RH, non-condensing
Dimmensions	170mm (L)×170mm (W)
Operating System	WIN7, WIN10, LINUX systems

Product Features

Supports Intel 6/7th processor	VGA+HDMI dual display	6 x COM port	8 x USB port

Ordering Information

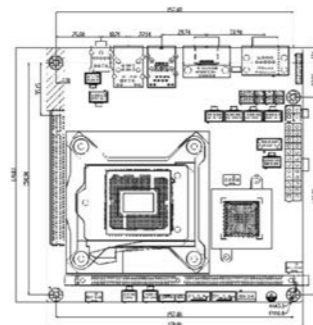| Part No.	Model	Description
0030-021911	EC7-1821-H110S	Mini-ITX structure motherboard/H110 platform/supports LGA1151 pin 6/7th Gen processor/1 x DDR4 memory slot, supporting up to 16GB/VGA+HDMI dual display/2 x Gigabit LAN port/4 x USB2.0/4 x USB3.0/6 x COM port/2 x SATA3.0/1 x 16-channel GPIO/LIN-IN/LIN-OUT/1 x PCIEx16

Product Dimensions Drawing

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

Note: The final interpretation rights for product specifications, ordering information, etc. belong to EVOC Intelligent Technology Co., Ltd.