PARHELIA

Intelligent manufacturing

EC0-1816(E)

ATX Structure Motherboard

EC0-1816(E) is an ATX structure motherboard developed based on Intel® H61 chipset. It supports Ivy Bridge/Sandy bridge core LGA1155 pin dual-core/quad-core processors, VGA+DVI-D display function, and PCIe/PCI bus expansion. It can be widely used in industrial automation control, automatic testing, safety monitoring, intelligent transportation, communication automation, environmental protection testing and other fields.
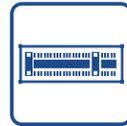
Product Specifications

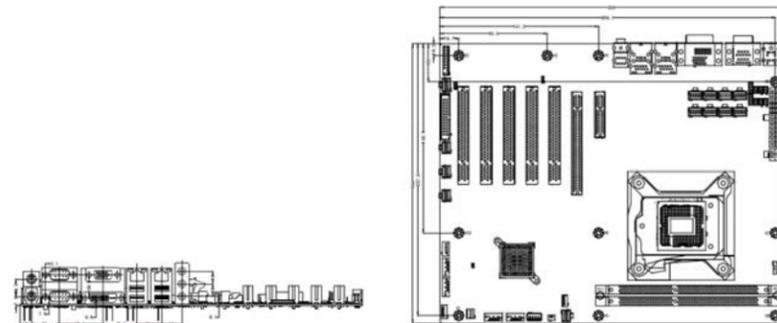| Item	Description
Processor	Supports Ivy bridge/Sandy bridge LGA 1155 pin processors
Chipset	H61
Memory	2 x 240Pin standard DDR3 DIMM memory slot, a single memory supporting 8GB, the two supporting up to 16GB
Display Ports	1 x VGA, 1 x DVI-D
Audio Ports	Supports MIC-IN/LINE-IN/LINE-OUT
LAN	2 x Gigabit LAN port, LAN1 supporting Wake-on-LAN
Storage	4 x SATA2.0
IO Ports	1 x parallel port 6 x COM port, COM1, COM2 onboard, supporting RS-232/422/RS-485 mode selection, (optional motherboard with 10 COM ports) 10 x USB2.0 port 1 x PS/2 port 1 x 8-channel digital I/O port 1 x TPM port
Bus Expansion	5 x PCI 1 x PCIEx16 1 x PCIEx4 (actually providing x1 signal)
Power Supply	ATX power supply
Working Environment	-10°C～60°C
Storage Environment	-20°C～80°C
Relative Humidity	5%～95% (non-condensing)
Dimmensions	305mm (L)×244mm (W)
Operating System	WINXP, WINXPE, WIN7, LINUX systems

Product Features

10 x COM port

10 x USB port

5 x PCI+2 x PCIE expansion

Ordering Information

Part No.	Model	Description
1030-030621	EC0-1816(E)-6COM-01	ATX structure motherboard/Intel® H61 chipset/supports Intel® Sandy bridge/Ivy bridge LGA1155 processors/2 x DDR3 DIMM memory slot, supporting up to 16GB memory/VGA+DV-D/4 x SATA/2 x Gigabit LAN port/10 x USB2.0/6 x COM port (among them, two support 232/422/485)/1 x parallel port/1 x PS/2/1 group of Audio ports/1 x 8-channel GPIO/5 x PCI/1 x PCIEx1/1 x PCIEx16/1 x TPM port/standard ATX power supply
1030-030641	EC0-1816(E)-10COM-01	ATX structure motherboard/Intel® H61 chipset/supports Intel® Sandy bridge/Ivy bridge LGA1155 processors/2 x DDR3 DIMM memory slot, supporting up to 16GB memory/VGA+DV-D/4 x SATA/2 x Gigabit LAN port/10 x USB2.0/10 x COM port (among them, two support 232/422/485)/1 x parallel/1 x PS/2/1 group of Audio ports/1 x 8-channel GPIO/5 x PCI/1 x PCIEx1/1 x PCIEx16/1 x TPM port/standard ATX power supply

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.