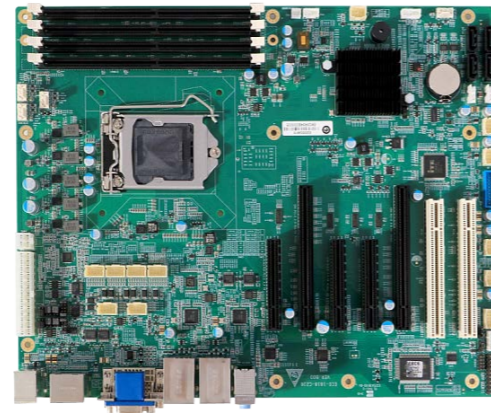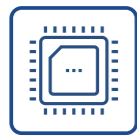PARHELIA

Intelligent manufacturing

EC0-1818-C236

ATX Structure Motherboard

EC0-1818-C236 motherboard adopts standard ATX motherboard specifications and C236 chipset, supports PCI+PCIE expansion combination, multiple COM ports, and multiple USB ports, and has the characteristics of long lifetime and high performance. This product will be widely used in petrochemical industry, automation control, automatic testing, safety monitoring, intelligent transportation, environmental protection, communication and other fields.
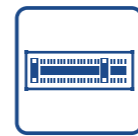
Product Specifications

Item	Description
Processor	Supports Intel® LGA 1151 pin 6/7th Gen processors, and Xeon E3-1200 V5/V6 series processors
Chipset	C236
Memory	4 x DDR4 DIMM memory slot, a single memory module supporting 16GB, the four supporting up to 64GB, support ECC RAM
Display Ports	Any three display ports among VGA, HDMI, DVI-D, DP
Audio Ports	Supports MIC-IN/LINE-IN/LINE-OUT
LAN	2 x Gigabit LAN port, LAN1 supporting Wake-on-LAN
Storage	4 x SATA3.0
IO Ports	6 x COM port, COM1, COM2 supporting RS-232/RS-422/RS-485 mode selection 6 x USB 3.0, 8 x USB 2.0 1 x PS/2 port 1 x 8-channel digital I/O port 1 x TPM port
Bus Expansion	2 x PCI 2 x PCIEx16 (when PCIE5 slot is occupied, the two PCIE slot use the speed of PCIEx8 by default) 3 x PCIEx4 (using x8 connector)
Power Supply	ATX power supply
Working Environment	-10°C～60°C
Storage Environment	-20°C～80°C
Relative Humidity	40°C 95%RH, non-condensing
Dimmensions	305mm (L)×244mm (W)
Operating System	WIN7, WIN10, Linux, Server2008, Server2010 Note: LAN port chip is a motherboard of I211, and Server operating system is not supported

Product Features

Supports Intel®
6/7th Gen
processors

Supports
4 x memory slot

14 x USB port

2 x PCI+
5 x PCIE expansion

Ordering Information

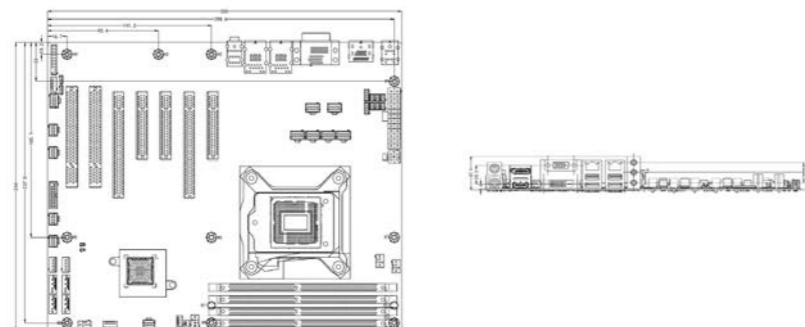| Part No.	Model	Description
0030-023891	EC0-1818-C236-I211-01	ATX structure motherboard/C236 chipset/supports Intel® 6/7th Gen LGA 1151 pin processors/4 x 288Pin DDR4 DIMM memory slot, supporting up to 64GB memory/any three display ports among DP, HDMI, VGA, DVI-D/4 x SATA3.0/2 x Gigabit LAN port(I211 chip)/14 x USB/6 x RS-232/1 group of audio ports/1 x 8-channel GPIO/2 x PCIE x16/3 x PCIEx4(X8 connector)/2 x PCI
0030-023911	EC0-1818-C236-I210-01	ATX structure motherboard/C236 chipset/supports Intel® 6/7th Gen LGA 1151 pin processor/4 x 288Pin DDR4 DIMM memory slot, supporting up to 64GB memory/any three display ports among DP, HDMI, VGA, DVI-D/4 x SATA3.0 /2 x Gigabit LAN port(I210 chip)/14 x USB/6 x RS-232/1 group of audio ports/1 x 8-channel GPIO/2 x PCIE x16/3 x PCIEx4(X8 connector)/2 x PCI

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.