

# EPE-1816

## EPE Bus Standard Full-length Card

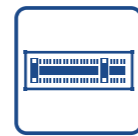
EPE-1816 is a full-length CPU card that is developed based on Intel® H110 platform and complies with the PICMG1.3 bus standard. It supports 6/7th Gen processors in the LGA1151 package, two 288Pin DDR4 memory slots (supporting up to 32GB memory capacity), and onboard 2 x 10/100/1000Mbps LAN port, and has the characteristics of high performance and long lead time. It can be widely used in fields such as petrochemical industry, automation control, automatic testing, machine vision, safety monitoring, intelligent transportation, and communication.



### Product Features

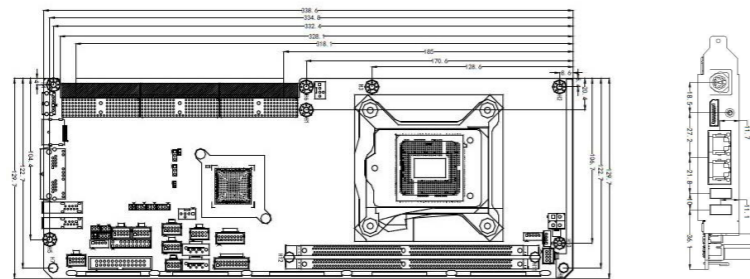


EPE rugged bus



Supports 2 x memory slot

### Product Dimensions Drawing



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

### Product Specifications

Item	Description
Processor	Supports Intel® LGA 1151 pin 6/7th Gen processors
Chipset	H110
Memory	2 x DDR4 DIMM memory slot, a single memory module supporting 16GB, and the two supporting up to 32GB
Display Ports	Any two display ports among VGA, DP, DVI-D DP is an onboard coastline interface
Audio Ports	Supports MIC-IN/LINE-IN/LINE-OUT
LAN	2 x 10/100/1000Mbps LAN port, LAN1 supporting Wake-on-LAN
Storage	4 x SATA2.0
IO Ports	10 x USB2.0 2 x COM port, supporting RS-232/RS-422/RS-485 mode selection 1 x parallel port 1 x PS/2 port 1 x 8-channel digital I/O port
Bus Expansion	EPE bus expansion, supporting EPE series carrier boards; and H110 platform does not support ISA expansion slot
Power Supply	ATX power supply
Working Environment	-10°C~60°C
Storage Environment	-20°C~80°C
Constant Damp Heat	40°C 95%RH, non-condensing
Dimensions	352.2mm (L)×141.6mm (W)×77.4mm (H)
Operating System	Win7, Win10, Linux

### Ordering Information

Part No.	Model	Description
0030-022981	EPE-1816(B)	PICMG 1.3 standard full-length card/H110 platform/supports Intel® LGA1151 pin 6/7th Gen processors/2 x DDR4 DIMM memory slot, supporting up to 32GB memory/2 x Gigabit LAN port/4 x SATA2.0/10 x USB2.0/2 x COM port/supports any two display ports among DP, VGA, DVI-D/1 x LPT  Note: H110 platform does not support ISA expansion slot

Note: H110 platform don't support ISA expansion, ISA won't recognize.

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