

EPE-1816 EPE Standard CPU Card (PICMG 1.3)

Brief Introduction

supports Intel® 6th/7th Gen Core™/Pentium®/Celeron® CPU and 2 x DDR4 DIMMS. The EPE rugged Bus makes it more reliable than traditional PICMG 1.3 gold finger structure. EPE-1816 and backplane are widely used in automation control, inspection, oil, transportation, surveillance and machine vision.



Features

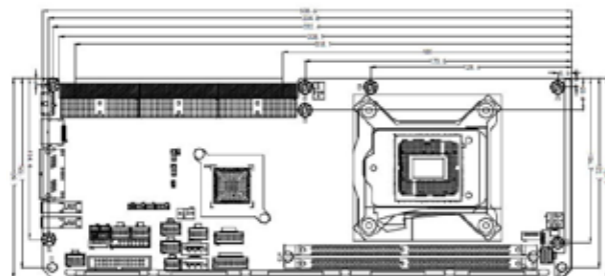
Intel® 6th/7th Gen Core™/Pentium®/Celeron® CPU

2 x DDR4 DIMMs up to 32GB RAM

Up to 10 x USB, 2 x LAN and 6 x COM

Multiple EPE backplane optional

Product size chart



(Company : MM)

Specifications

Items	Specification
Chipset	Intel® H110
CPU	Intel® 6th/7th Gen Core™/Pentium®/Celeron® CPU
Memory	2 x 288PIN DDR4 DIMMs, up to 32GB
Storage	4 x SATA 3.0 (2 by backplane)
LAN	2 x 10/100/1000Mbps RJ45 LAN1 support Wake-On-Lan, LAN2 support PXE boot
Display	Support VGA/DVI-D/DP and 2 independent display
I/O	2 x Serial ports, support RS232/422/485, COM1 support wake function Support additional 4 x RS232 by LPC expansion
	1 x LPT, support SSP/EEP/ECP
	4 x USB 3.0, 6 x USB 2.0 (4 by backplane)
	1 x PS/2
	8ch GPIO Audio, Mic-in, Line-in, Line-out
Watchdog Timer	1 ~ 255sec/min timer system reset or interrupt
Power Supply	ATX power supply by backplane
Operating System	Win7, Win8, Win10, Win7E, Linux
Environment	Operating temperature: -20 ~ 60 Storage temperature: -20 ~ 80 Humidity: 5% ~ 95% Non-condensing
Dimensions(L x W)	352.2mm x 141.6mm x 77.4mm

Ordering Information

P/N	Model	Description
0030-021671	EPE-1816	EPE CPU card/Intel® H110/2DIMMs/4SATA/2LAN/2COM/10USB/VGA/DVI/DP (H110 chipset doesn't support ISA bus)