EPE-1815
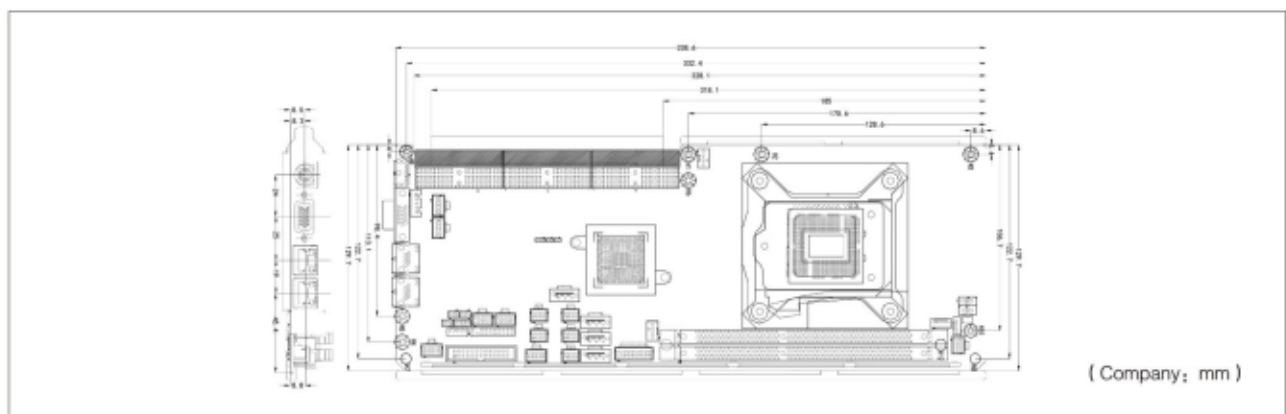
EPE LGA1155 package Intel® Core™ Ivy Bridge/Sandy Bridge CPU card

Features:

◆ EPE Full Size CPU card, supporting FSB bus frequency 800/1066/1333MHz

◆ Supports 2 x 240p DDR3 DIMM slot, up to 16GB memory Supports PCIE cards, PCI cards and ISA cards by backplane

◆ Supports up to six COM ports by LPC expansion

Product size chart

(Company：mm)

Specifications

CPU	Supports LGA1155 package Intel® Core™ Ivy Bridge/Sandy Bridge series processors, Intel® Pentium® or Celeron® G series processors, supporting FSB bus frequency 800/1066/1333MHz
Chipset	Intel® Q67/B65/H61 optional
Memory	Supports 2 x 240p DDR3 DIMM slot, up to 16GB memory
Display port	Dual display VGA + DVI, supports independent dual−display VGA1: up to 2048 x 1536@75Hz DVI: up to 1920 x 1200@60Hz
Audio	1 x HD audio, supports MIC−in, LINE−in and LINE−out
LAN	1x 10/100/1000Mbps LAN port, 1 x RJ45 optional, LAN1 supports Wake−On−LAN, and LAN1 of Q67 series supports AMT7.0 function
Storage	Q67: 2 x SATA3.0+4 x SATA2.0(two are brought out via backplane); B65: 1 x SATA3.0+5 x SATA2.0(two are brought out via backplane); H61: 4 x SATA2.0, Q67 supports RAID0,1,5,10
I/O port	H61/B65: 10 x USB 2.0; Q67: 14 x USB2.0(four are brought out via backplane); 2 x USB3.0 (optional)/ 2 x COM port; COM1 supports RS−232/RS−422/RS−485 optional; COM1 supports Modem wakeup function/ 1 xLPT, supporting SSP/EEP/ECP mode/ 1 x PS/2/ 8bit GPIO
Expansion bus	Adopts EPE bus standard, and supports expansion to 1 x PCIE x16, 4 x PCIE x1, 10 x PCI and 3 x ISA slot by backplane
Operating temperature	0℃ ~ 60℃; humidity: 40% ~ 95% (non−condensing)
Storage environment	−20℃ ~ 80℃; humidity: 40% ~ 95% (non−condensing)
Watchdog	1~255 sec./min. timer system reset or interrupt, setup by software
Power supply	ATX power supply
Dimensions (LxWxH)	340.6mm(L) x 145.7mm(W) x 77.4mm(H)

Ordering Information

Part Number	Model Number	Description
0030−020361	EPE−1815V2NA−B65L	PICMG 1.3standard full−size CPU card, Intel B65 chipset, support Intel® 1155packageI3/I5/I7 series CPU, total up to16GB memory/ onboard 2x1000Mbps Ethernet card(network card chipset INTEL 82574L)/support 5xSATA2.0 port,1xSATA3.0 port ,No RAID function/10xUSB 2.0/ 2Xcom(one support RS232/422/485 optional)/support LPC expand extra 4 RS232COM/support VGA,DVI and VGA+DVI display
0030−020431	EPE−1815V2NA−Q67L	PICMG 1.3standard full−size CPU card, Intel Q67Chipset, support Intel® 1155package I3/I5/I7 series CPU, total up to16GB memory/ onboard 2x1000Mbps Ethernet card(network card chipset INTEL 82574L)/ support 4x SATA2.0 port, 2xSATA3.0,RAID function/ 14xUSB 2.0 port/2xCOM(one supportRS232/422/485)/ support LPC expand extra 4 RS23/support VGA,DVI and VGA+DVI display
0030−020021	EPE−1815VNA−H61	PICMG 1.3standard full−size CPU card, Intel H61 Chipset, support Intel® 1155packageI3/I5/I7 series CPU, total up to16GB memory/ onboard1x1000Mbps Ethernet card/ support 4xSATA2.0 port, No RAID function/10xUSB 2.0 port/ 2xCOM(one support RS232/422/485), support LPC expand extra 4 RS232 COM/support VGA, DVI and VGA+DVI display
0030−019991	EPE−1815V2NA−H61	PICMG 1.3standard full−size CPU card, Intel H61 Chipset, support Intel® 1155packageI3/I5/I7 series CPU, total up to 16GB memory/ onboard 2x1000Mbps Ethernet card/ support4xSATA2.0 port, No RAID function/10xUSB 2.0 port/ 2xCOM(one support RS232/422/485 optional), support LPC expand extra 4 RS232 COM/ support VGA, DVI and VGA+DVI display