Intelligent manufacturing

EPE-1815

EPE Bus Standard Full-length Card

EPE-1815 is a full-length card that is developed based on Intel® H61 platform and complies with the PICMG1.3 bus standard. It supports 2nd/3rd Gen processors, two DDR3 memory modules (supporting up to 16GB), and EPE rugged bus design, which features reliability and stability. The card can be widely used in fields such as automation control,automatic testing, petrochemical industry, intelligent transportation, safety monitoring and machine vision.
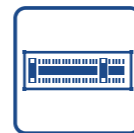
● Product Specifications

Item	Description
Processor	Supports Intel® LGA 1155 pin 2nd/3rd Gen processors
Chipset	H61
Memory	2 x DDR3 DIMM memory slot, a single memory module supporting 8GB, and the two supporting up to 16GB
Display Ports	VGA, DVI-D dual display
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, among them COM1 supports 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
Power Supply	ATX power supply
Working Environment	0℃～60℃
Storage Environment	-20℃～80℃
Constant Damp Heat	40℃ 95%RH, non-condensing
Dimmensions	340.6mm (L)×145.7mm (W)×77.4mm (H)
Operating System	WINXP, WINXPE, WIN7, LINUX systems

● Product Features

Supports Intel®
2nd/3rd Gen
processors

EPE rugged bus

Supports 2 x
memory slot

● Ordering Information

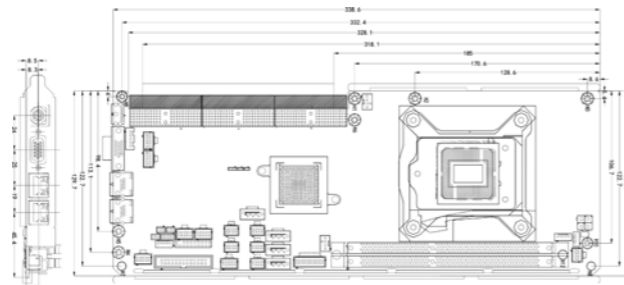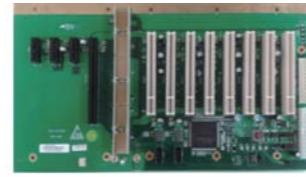| Part No.	Model	Description
0030-020021	EPE-1815VNA-H61	PICMG 1.3 standard full-length card/H61 platform/supports Intel® LGA1155 pin 2nd/3rd Gen processors/2 x DDR3 DIMM memory slot, supporting up to 16GB/1 x Gigabit LAN port/4 x SATA2.0/10 x USB2.0/2 x COM port/ VGA+DVI-D dual display
0030-019991	EPE-1815V2NA-H61	PICMG 1.3 standard full-length card/H61 platform/supports Intel® LGA1155 pin 2nd/3rd Gen processors/2 x DDR3 DIMM memory slot, supporting up to 16GB/2 x Gigabit LAN port/4 x SATA2.0/10 x USB2.0/2 x COM port/ VGA+DVI-D dual display

● Product Dimensions Drawing

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

EPE Backplane Selection Guide

EPE-6113E4(V)   13-slot EPE backplane

Part No.	Model	Description
0050-001661	EPE-6113E4(V)	13-slot EPE backplane, 1 x main slot/8 x PCI / 1 x PCIe ×16/3 x PCIe×1, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connector, provide 1 x ATX24PIN power port, support ACPI power management, AT power 12PINs port reserved

EPE-6110E5(V)   10-slot EPE backplane

Part No.	Model	Description
1050-004641	EPE-6110E5(V)	10-slot EPE PCIe /PCI backplane, 1 x main slot /4 x PCI/1 x PCIe×16 /4 x PCIe×1, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by a 180° vertical connector, provide 1 x ATX 24PIN power port, support ACPI power management, AT power 12PINs port reserved.

EPE-6105E2(V)   5-slot EPE backplane

Part No.	Model	Description
1050-004651	EPE-6105E2(V)	5-slot EPE backplane, 1 x main slot / 2 x PCI / 1 x PCIe ×16 / 1 x PCIe×1, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connector, provide 1 x ATX 24 PIN power port, support ACPI power management, AT power 12PINs port reserved.

EPE-6105E1   5-slot EPE backplane

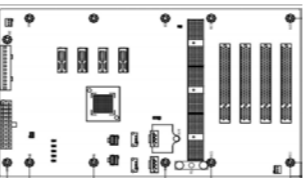| Part No.	Model	Description
0050-001471	EPE-6105E1	5-slot EPE backplane, 1 x main slot/3 x PCI/1 x PCIe ×16, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connector, provide 1 x ATX 24PIN power port, support ACPI power management

EPE-6109E2   9-slot EPE backplane

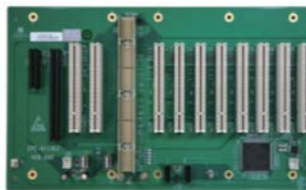| Part No.	Model	Description
0050-001531	EPE-6109E2	9-slot EPE backplane, 1 x main slot/6 PCI/1 x PCIE ×16/ 1 x PCIe ×1, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connector, provide 1 x ATX 24 PIN power port, support ACPI power management, AT power 12PIN port is reserved.

EPE-6109E4   9-slot EPE backplane

Part No.	Model	Description
0050-001551	EPE-6109E4	9-slot EPE PCI/PCIE backplane, 1 x main slot/4 x PCI/4 x PCIe ×1, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180°vertical connector, provide 1 x ATX 24 PIN power port, support ACPI power management

EPE-6113E2   13-slot EPE backplane

Part No.	Model	Description
0050-001461	EPE-6113E2	13-slot EPE PCIe/PCI backplane, 1 x main slot/10 x PCI / 1 x PCIe ×16/1 x PCIe ×4(PCI-E×1 when equipped with H61 motherboard), 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connector, 1 x ATX 24 PIN power port, supporting ACPI power management

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EPE Backplane Selection Guide

EPE-6105P2   5-slot EPE backplane

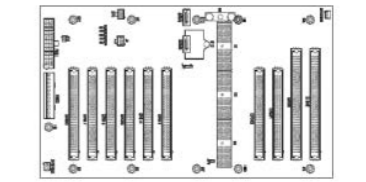| Part No.	Model	Description
0050-001581	EPE-6105P2	5-slot EPE backplane, 1 x main slot / 2 x PCI / 2 x ISA, 2 x SATA, 4 x USB2.0, two of which are pins lead, two of which lead by 180° vertical connectors, Provide 1 x ATX 24 PIN power port, support ACPI power management

EPE-6111P6   11-slot EPE backplane

Part No.	Model	Description
1050-004621	EPE-6111P6	11-slot EPE PCIe/PCI/ISA backplane, 1 x main slot / 6 x PCI / 1 x PCIe ×16(if the PCIe card is inserted, the near PCI slot cannot be used) / 3 x ISA slots, 2 x SATA, 4 x USB2.0, two of which are pins lead, other two are led by 180° vertical connectors, provide 1 x ATX 24 PIN power port, support ACPI power management

EPE-6111P8   11-slot EPE backplane

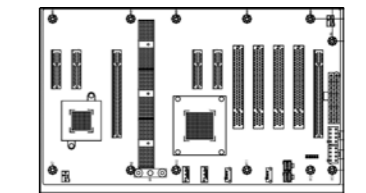| Part No.	Model	Description
0050-001491	EPE-6111P8	11-slot EPE backplane, 1 x main slot/8 x PCI(EU connector) / 2 x ISA slots(EU connector), 2 x SATA, 4 x USB2.0, two of which are pins lead, other two are led by 180° vertical connector, provide 1 x ATX 24 PIN power port, support ACPI power management

EPE-6112E5   12-slot EPE backplane

Part No.	Model	Description
0050-001611	EPE-6112E5	12-slot EPE PCI/PCIE backplane, 1 x main slot / 6 x PCI / 4 x PCIe ×4, 2 x SATA3.0, 4 x USB2.0, two of which are pins lead, and 2 are 180 °Vertical connector lead, provide 1 x ATX 24 PIN power port, support ACPI power management

EPE-6111E6P4   11-slot EPE backplane

Part No.	Model	Description
1050-005521	EPE-6111E6P4	11-slot EPE backplane, extend 4 x PCI, 4 x PCIe x4, 2 x PCIe x16, provide 4 x USB2.0, two of which are 2×4 Wafer form, and the other two as vertical 90°type connector, 2 x SATA, 1 x ATX 24Pin power port, supporting ACPI power management.

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