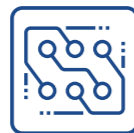# IPC-810E

4U Standard Rack Mount chassis

IPC-810E is a 4U rack mount chassis made of high-quality steel sheet. It supports various full-length cards and industrial motherboards of the company, such as EPE, EC9 and EC0 series. It has a reasonable structure, and can be equipped with one 5.25" CD-ROM and two 3.5" shock absorption hard disk bay. The product can be widely used in various fields such as communication, network, finance, power, transportation and industrial automation.
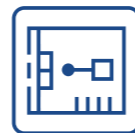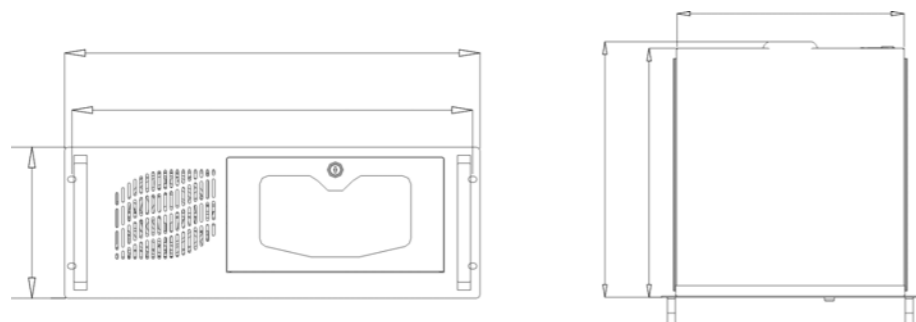
Product Features

4U standard rack mount

Supports multiple motherboards

Super EMC performance

Product Dimensions Drawing

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

Product Specifications

Item	Description
Motherboard	PICMG 1.0, PICMG 1.3, EPI 2.0 and EPE standard full-size boards, ATX motherboard
Backplane	10-slot standard PICMG 1.0 backplane, 14-slot standard PICMG 1.0 backplane, 10-slot standard PICMG 1.3 backplane, 13-slot standard EPI 2.0 backplane and 10-slot EPE backplane.
Storage	1 x 5.25" CD-ROM bay, 2 x 3.5" hard disk shock-absorption bay
I/O Ports	Power switch, reset switch, power supply and hard disk indicators; 2 x USB port at front
Power Supply	Standard ATX power supply
Working Temperature	0°C～50°C, 5%～90%(non-condensing)
Storage Temperature	-20°C～60°C, 5%～90%(non-condensing)
Dimensions (W×H×D)	482 mm×177 mm×470.4 mm

Ordering Information

Part No.	Model	Description
0020-063911	IPC-810/ECO-1816/250W	H61 platform motherboard/250W power supply/VGA+DVI-D, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), 2 x COM, 1 group of audio ports, 1 x PS2, expansion:4 x PCI, 1 x PCIEX4, 1 x PCIEX16 Note:because PCIE X4 slot and LAN2 share a same resource, when PCIE X4 card is inserted, LAN2 does not function.
0010-140561	IPC-810E/ECO-1816/ G1620/2G/1T/250W	H61 platform motherboard/G1620/2G memory/1T HDD/250W power supply/VGA+DVI-D, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), 6 x COM port, 1 group of audio ports, 1 x PS2, 1 x LPT; expansion:4 x PCI, 1 x PCIEX4, 1 x PCIEX16 Note:because PCIE X4 slot and LAN2 share a same resource, when PCIE X4 card is inserted, LAN2 does not function.
0020-061221	IPC-810/ECO-1816/no CPU/2G/1T/250W	H61 platform motherboard/2G memory/1T HDD/250W power supply/VGA+DVI-D, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), 6 x COM port, 1 group of audio ports, 1 x PS2, 1 x LPT; expansion:5 x PCI, 1 x PCI-E*1 (PCI-E*4 slot), 1 x PCI-E*16 expansion slot
0020-061731	IPC-810/EC0-1817-6COM/250W	H81 platform motherboard/250W memory/2 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), VGA+DVI-D, 1 group of audio ports, 1 x PS2, 1 x LPT, expansion:4 x PCI, 2 x PCIEX1 (PCIEX4 slot), 1 x PCIEX16
0010-098891	IPC-810E/EC01817-6COM/ G1820/2G/1T/250W	H81 platform motherboard/G1820/2G memory/1T HDD/250W power supply/6 x COM, 2 x Gigabit LAN port, 6 x USB (2 at front, 4 at rear), VGA+DVI-D, 1 group of audio ports, 1 x PS2, 1 x LPT, expansion:4 x PCI, 2 x PCIEX1 (PCIEX4 slot), 1 x PCIEX16
0020-063431	IPC-810/EC0-1818(C)/250W power supply	H110 platform motherboard/250W power supply/2 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), VGA+HDMI, 1 group of audio ports, 1 x PS2, 1 x LPT, expansion:4 x PCI, 1 x PCIEX4, 1 x PCIEX16
0010-127031	IPC-810E/EC0-1818(C)/ G3900/4G/1T/250W	H110 platform motherboard/G3900/2G memory/1T HDD/250W power supply/6 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), VGA+HDMI, 1 group of audio ports, 1 x PS2, 1 x LPT, expansion:4 x PCI, 1 x PCIEX4, 1 x PCIEX16
0020-064471	IPC-810/EC0-1820(B)/250W	H310 platform motherboard/250W power supply/2 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), any two display ports among four (VGA, HDMI, DVI-D, DP), 1 group of audio ports, 1 x PS2, expansion:5 x PCI, 1 x PCIEX4, 1 x PCIEX16
0020-065321	IPC-810/EC0-1820(B)-NS/250W	H310 platform motherboard/250W power supply/2 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), any two display ports among four (VGA, HDMI, DVI-D, DP), no sound card, 1 x PS2, expansion:5 x PCI, 1 x PCIEX4, 1 x PCIEX16
0010-140681	IPC-810E/EC0-1820(B)/ G4900/4G/1TB/250W	H310 platform motherboard/G4900/4G memory/1T HDD/250W power supply/6 x COM, 2 x Gigabit LAN port, 6 x USB(2 at front, 4 at rear), any two display ports among four (VGA, HDMI, DVI-D, DP), 1 group of audio ports, 1 x PS2, expansion:5 x PCI, 1 x PCIEX4, 1 x PCIEX16
0020-064981	IPC-810/EC0-1821/300W	C246 platform motherboard/ 300W power supply/2 x COM/2 x Gigabit LAN port/8 x USB (2 at front, 6 at rear) /any three display ports among four (VGA, HDMI, DVI-D, DP), 1 group of audio ports; expansion:2 x PCI, 3 x PCIe x4, 2 x PCIe x16; 1 x M.2 KEY M port (PCIe X4, supporting sizes 2242/2260/2280/22110); 1 x M.2 KEY E port (PCIe X1, supporting size 2230)Note:When two PCIE*16 slots are inserted at same time, the speed of PCIE*8 will be reduced
0010-151371	IPC-810E/EC0-1821/I7-8700/8G/1T/300W	C246 platform motherboard/i7-8700/8G memory/1T HDD/300W power supply/6 x COM/2 x Gigabit LAN port/8 x USB (2 at front, 6 at rear)/any three display ports among four (VGA, HDMI, DVI-D, DP), 1 grou of audio ports; expansion:2 x PCI, 3 x PCIe x4, 2 x PCIe x16; 1 x M.2 KEY M port(PCIe X4, supporting sizes 2242/2260/2280/22110) ; 1 x M.2 KEY E port (PCIe X1, supporting size 2230)Note:When two PCIE*16 slots are inserted at same time, the speed of PCIE*8 will be reduced
0020-065581	IPC-810/EC0-1822/300W/ barebone system	H420E platform motherboard/300W power supply/2 x COM, 8 x USB (2 at front, 6 at rear), 2 x Gigabit LAN port, VGA+DP, 1 group of audio port, expansion:4 x PCI, 2 x PCIEX4 (actually providing the speed of X1), 1 x PCIEX16
0010-153571	IPC-810E/EC0-1822/i5-10500E/8G/1T/300W	H420E platform motherboard/i5-10500E/8G memory/1T HDD/300W power supply/6 x COM, 8 x USB(2 at front, 6 at rear), 2 x Gigabit LAN port, VGA+DP, 1 group of audio port, expansion:4 x PCI, 2 x PCIEX4 (actually providing the speed of X1), 1 x PCIEX16
0020-066471	IPC-810/EC0-1823-03/300W	Q470E platform motherboard/300W power supply/1 x COM, 10 x USB (2 at front, 8 at rear), 2 x Gigabit LAN port, VGA+D-P+DVI-D, 1 group of audio port, expansion:2 x PCI, 2 x PCIE x16, 3 x PCIE x4 Note:When two PCIE*16 slots are inserted at same time, the speed of PCIE*8 will be reduced"
0010-169231	IPC-810E/EC0-1823-03/i5-10500/8G/1T/300W	Q470E platform motherboard/i5-10500/8G memory/1T HDD/300W power supply/6 x COM, 10 x USB (2 at front, 8 at rear) , 2 x Gigabit LAN port, VGA+DP+DVI-D, 1 group of audio port, expansion:2 x PCI, 2 x PCIE x16, 3 x PCIE x4 Note:When two PCIE*16 slots are inserted at same time, the speed of PCIE*8 will be reduced"
0020-059051	IPC-810 barebone/EPE-1815V2NA-H61/250W power supply	H61 platform motherboard/ 250W power supply/EPE-6110E5(V)(4 x PCI, 4 x PCI-E×1 (actually only 2 can be used), 1 x PCI-E×16) /2 x LAN port, 1 x VGA, 4 x USB(2 at front, 2 at rear), 2 x COM, 1 x LPT, 1 x Audio (accessories), 1 x PS2
0010-083531	IPC-810E/EPE-1815/ G1620/2G/1T/250W/no optical drive	H61 platform motherboard/G1620/2G memory/1T HDD/250W power supply/EPE-6110E5(V)(4 x PCI、4 x PCI-E×1 (actually only 2 can be used), 1 x PCI-E×16) /1 x LAN port, 1 x VGA, 4 x USB (2 at front, 2 at rear), 2 x COM, 1 x LPT, 1 x Audio (accessories), 1 x PS2
0020-061441	IPC-810 barebone system/ EPE-1816/EPE-6110E5/250W no optical drive	H110 platform motherboard/EPE-1816/250W power supply/EPE-6110E5(V)(4 x PCI, 4 x PCI-E×1 (actually only 2 can be used), 1 x PCI-E×16) /2 x LAN port, DP+VGA, 4 x USB(2 at front, 2 at rear), 2 x COM, 1 x Audio (accessories), 1 x PS2
0020-061451	IPC-810 barebone system/ EPE-1816/EPE-6112E5/250W no optical drive	H110 platform motherboard/EPE-1816/ 250W power supply/EPE-6112E5 (6 x PCI, 4 x PCIE*4, 1 x *16) /2 x LAN port, DP+VGA, 4 x USB(2 at front, 2 at rear), 2 x COM, 1 x Audio (accessories), 1 x PS2
0010-096901	IPC-810E/EPE-1816/I5-6500/4G/500G HDD no optical drive	H110 platform motherboard/EPE-1816/ I5-6500/4G memory/500G HDD/ATX 300W power supply/EPE-6112E5 (6 x PCI, 4 x PCIE*4, 1 x *16) /2 x LAN port, DP+VGA, 4 x USB (2 at front, 2 at rear), 2 x COM, 1 x Audio (accessories), 1 x PS2

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