

IPC-820

4U Standard Rack-mounted Chassis

IPC-820 is a 4U rack-mounted chassis compatible with various full-length cards and industrial motherboards such as EPE, EC9 and ECO. It has a built-in high-speed air intake fan with good heat dissipation, vibration resistance and EMC performance. The front panel is made of sheet metal, and the chassis is made of high-quality steel plate. The integrated lock protection system for chassis and door panels can also avoid the intrusion of unauthorized personnel. It can be widely used in various fields such as communication, network, finance, electric power, transportation and industrial automation.



Product Features



4U standard rack-mounted



Supports multiple motherboards

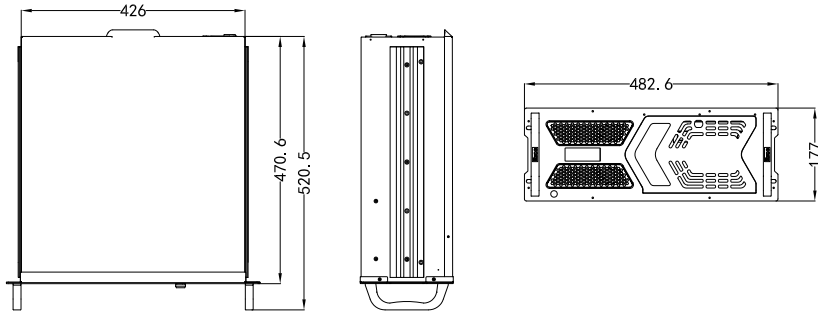


Super EMC performance



Easy replacement of dustproof mesh

Product Dimensions Drawing



(Please refer to the user manual to check detailed specifications and dimensions) (unit: MM)

Product Specifications

Item	Description
Motherboard	EPE full-length card and ATX motherboard
Backplane	EPE series backplane
Memory	1 x 5.25-inch CD-ROM bay, 2 x 3.5-inch shock-absorbing hard disk bay
I/O Port	Power switch, reset switch, power supply and hard disk indicator; 2 x USB port in front
Power Supply	Standard ATX power supply
Working Temperature	0°C~50°C, 5%~90% (non-condensing state)
Storage Temperature	-20°C~60°C, 5%~90% (non-condensing state)
Overall Dimensions (W×H×D)	482.6 mm×177 mm×470.4 mm

Ordering Information

Part No.	Model	Description
0010-140551	IPC-820/ECO-1816/G2130/4G/1T/250W	H61 platform motherboard/G2130/4G memory/1T hard disk/250W power supply/VGA+DVI-D, 2 x Gigabit LAN port, 6 x USB (2 front and 4 rear), 6 x COM port, 1 group of audio ports, 1 x PS2, 1 x LPT; expansion: 4 x PCI, 1 x PCIEX4 and 1 x PCIEX16 Note: As PCIE x4 slot shares resources with LAN2, the LAN2 port has no function when inserting a PCIE x4 card.
0010-098921	IPC-820/EC01817-6COM/G3430/4G/1T/250W	H81 platform motherboard/G3430/4G memory/1T hard disk/250W power supply/6 x COM, 6 x USB port (2 front and 4 rear), 2 x Gigabit LAN port, VGA+DVI-D, 1 group of audio ports, 1 x PS2, 1 x LPT, expansion: 4 x PCI, 2 x PCIEX1 (PCIEX4 slots) and 1 x PCIEX16
0010-127011	IPC-820/EC0-1818(C)/G3900/4G/1T/250W	H110 platform motherboard/G3900/4G memory/1T hard disk/250W power supply/6 x COM, 6 x USB port (2 front and 4 rear), 2 x Gigabit LAN port, VGA+HDMI, 1 group of audio ports, 1 x PS2, 1 x LPT; expansion: 4 x PCI, 1 x PCIEX4, 1 x PCIEX16
0010-140691	IPC-820/EC0-1820(B)/I7-9700/4G/1TB/300W	H310 platform motherboard/I7-9700/4G memory/1T hard disk/300W power supply/6 x COM, 6 x USB (2 front and 4 rear), 2 x Gigabit LAN port, any two-out-of-four display (VGA, HDMI, DVI-D, DP), 1 group of audio ports, 1 x PS2, 1 x LPT, expansion: 5 x PCI, 1 x PCIEX4, 1 x PCIEX16
0010-153581	IPC-820/EC0-1822/i7-10700E/8G/1T/300W	H420E platform motherboard/i7-10700E/8G memory/1T hard disk/300W power supply/6 x COM, 8 x USB (2 front and 6 rear), 2 x Gigabit LAN port, VGA+DP, 1 group of audio ports, expansion: 4 x PCI, 2 x PCIEX4 (actual rate X1), 1 x PCIEX16
0010-169241	IPC-820/EC0-1823-03/I7-10700/16G/1T/256G	Q470E platform motherboard/i7-10700/16G memory /1T hard disk +256G SSD/300W power supply/6 x COM, 10 x USB (2 front and 8 rear), 2 x Gigabit LAN port, VGA+DP+DVI-D, 1 group of audio ports, expansion: 2 x PCI, 2 x PCIEx16, 3 x PCIEx4 Note: When two PCIE*16 slots are used at same time, the speed is reduced to the speed of PCIE*8
0010-176491	IPC-820/EC0-1825/i7-12700/8G/1T/300W	H610E chipset/i7-12700/8G memory/1T hard disk/ATX 300W power supply/2 × Gigabit LAN port/6 × COM port/8 × USB/VGA+HDMI+DVI-D three-display/MIC-IN/LINE-OUT/4 × PCI, 1 × PCIE4.0 x16 and 2 × PCIE3.0 x4 (attention shall be paid to the signal matching of PCIE x4)
0010-096921	IPC-820/EPE-1816/I3-6100/4G/500G/300W without optical drive	H110 platform motherboard/I3-6100/4G memory/500G hard disk/300W power supply/EPE-6110E5(V) (4 × PCI, 4 × PCI-E × 1 (actually only 2 can be used), 1 × PCI-E × 16)/2 × LAN port, DP+VGA, 1 × PS2, 4 × USB (2 front and 2 rear), 2 × COM and 1 × audio port (accessory)
0010-096941	IPC-820/EPE-1816/I7-6700/4G/1T/300W without optical drive	H110 platform motherboard/I7-6700/4G memory/1T hard disk/300W power supply/EPE-6113E2 (10 × PCI, 1 × PCI-E × 1(×4 slot), 1 × PCI-E × 16)/2 × LAN port, DP+VGA, 1 × PS2, 4 × USB (2 front and 2 rear), 2 × COM and 1 × audio port (accessory)

Note: EVOC Intelligent reserves the right to final interpretation of product specifications and ordering information etc.