

IPC-820 4U 19" Rackmount Industrial Computer

Brief Introduction

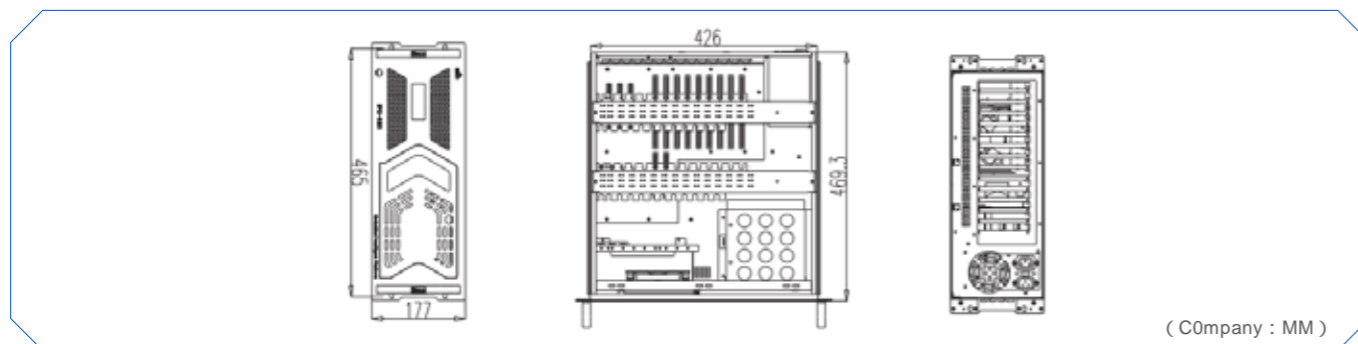
IPC-820 is a 4U rack-mount chassis built by high quality steel plate and supports the complete range of full-size boards and industrial motherboards of our company, such as EPE, EC9 and EC0, etc. EC0, etc. With built-in high speed fan, the product features excellent heat dissipation as well as excellent anti-vibration and EMC performance. As a universal 4U rack-mount chassis, it can be widely applied in the fields such as industrial control, petroleum, petrochemical and video surveillance, etc.



Features

- High quality steel plate
- Support EVOC EPE/EC0/EC9 motherboard
- Support Industrial ATX PS/2 PSU, optional redundant PSU
- Support 1x5.25" CD-ROM and 3x3.5" HDD
- Support rear USB 2.0 ports
- Easy to replace fan filter
- Support IPC operation real-time monitoring system

Product size chart



Specifications

Items		Specification
Function	CPU	According to different motherboard
	Chipset	
	Memory	
	Display	
	LAN	
	Audio	
Function	Storage	1 x 5.25" CD-ROM bay 2 x 3.5" HDD bay (Anti-vibration) 1 x 3.5" HDD bay
	Expansion	Motherboard support: EPE (PICMG 1.3), EC0 (ATX), EC9 (Micro-ATX), EC7 (Mini-ITX), ECS SBC Backplane support: Up to 13-slots EPE backplan Power Supply: Support PS/2 ATX/AT PSU, optional redundant 1+1 PSU
	Front I/O	2 x USB 2.0 ATX switch, Reset switch, Power/HDD LED indicator
Performance	Dimensions(W x H x D)	482 x 177 x 470.4 mm
	Weight	About 15.3kg
	Color	Black
	Temperature	Operating:0 ~ 50 Storage:-20 ~ 60
	Humidity	5% ~ 90% (Non-condensing)
	Reliability	MTBF ≥ 50000h MTTR ≤ 0.5h
	Mechanical	Anti-vibration: 5-17Hz/1.0mm amplitude 17-200Hz/1.0g acceleration Anti-shock: 10g acceleration, 11ms duration Noise: ≤50dB

Optional Motherboards

Model	Form Factor	Chipset	DIMMs	SATA	LAN	USB	COM	PCIe	PCI
EC0-1820	ATX	H310	2	4	2	10	10	2	5
EC0-1818-C236	ATX	C236	4	4	2	14	6	5	2
EC0-1818(B)	ATX	H110	2	4	2	10	10	4(2)	3(5)
EC0-1817	ATX	Q87/H81	4/2	6/4	2	10	10	3	4
EC0-1816	ATX	B65/H61	2	4	2	12/10	10	3/2	4/5
EPE-1816	PICMG 1.3	H110	2	4	2	10	2(6)	Optional	Optional

Ordering Information

P/N	Model	Description
0010-107161	IPC-820	4U 19" Rackmount IPC/EC0-1818(B)/i7-6700/4G DDR4/500G HDD/ATX 300W/2LAN/6USB/2COM/VGA/HDMI/PS2/Audio/LPT/1 x PCIe16/3 x PCIe1(x4 connector)/3 x PCI
0010-087451	IPC-820	4U 19" Rackmount IPC/EC0-1817-Q87/G1820/2G DDR3/500G HDD/DVD-ROM/ATX 250W/2LAN/4USB/6COM/VGA/DVI-D/PS2/Audio/LPT/1 x PCIe16, 2 x PCIe1(x4 connector), 4 x PCI
0010-085761	IPC-820	4U 19" Rackmount IPC/EC0-1816/i5-2400/4G DDR4/500G HDD/DVD-ROM/ATX 400W+400W/2LAN/6USB/6COM/VGA/DVI-D/PS2/Audio/LPT/1 x PCIe16/1 x PCIe1/5 x PCI
0010-096931	IPC-820	4U 19" Rackmount IPC/EPE-1816/i7-6700/4G DDR4/1TB HDD /ATX 300W/2LAN/4USB/2COM/VGA/DP/PS2/Audio/EPE-6113E2/1 x PCIe16/1 x PCIe1(x4 connector)/10 x PCI