

# IPC-820

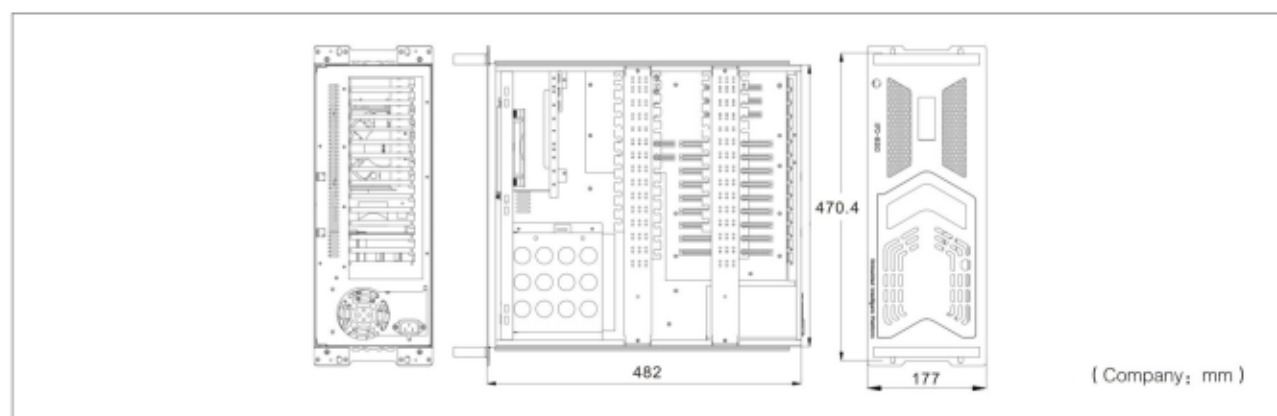
19" 4U Rack Mount Chassis



## Features:

- ◆ Front panel with LCD screen, to real-time monitor temperature, and display power supply and HDD operating status;
- ◆ Compatibility: guide rail and puller device can be installed; compatible with new EPE motherboards;
- ◆ Enhanced strength: reinforcing ribs at the two sides of the chassis greatly enhances the chassis strength;
- ◆ Convenient cover opening: handles at the rear part of the chassis cover make cover opening convenient;
- ◆ Convenient replacement of dust filter: guide rail is designed for dust filter pull-out structure, which makes pulling-out and replacement of dust filter convenient;
- ◆ EMC: hemming design is adopted for optical drive, which makes it tightly press against the chassis, and improves its anti-radiation performance.

## Product size chart



## Specifications

Supported motherboard	PICMG 1.0, PICMG 1.3, EPI 2.0, EPE standard full-size cards, Micro ATX SBC standard single boards, ATX SBC standard single boards
Support carrier board	10-slot standard PICMG 1.0 carrier boards, 14-slot standard PICMG 1.0 carrier boards, 10-slot standard PICMG 1.3 carrier boards, 13-slot standard EPI 2.0 carrier boards, 10-slot standard EPE carrier boards
I/O ports	Two front-accessible USB 2.0 ports, ATX rocker switch, reset button, power supply, HDD indicator, safety door with lock
Storage	One 5.25" CD-ROM bay, two 3.5" HDD bays (with shock absorption)
Operating temperature	0°C ~ 50°C; 5%~90% (non-condensing)
Storage environment	-20°C ~ 60°C; humidity: 5%~90% (non-condensing)
Power supply	Support standard PS2 ATX power supply
Dimensions (W x H x D)	482mm(W) x 177mm(H) x 470.4mm(D)

## Ordering Information

Part Number	Model Number	Description
0010-043601	IPC-820/EC0-1815/I5-2400/4G/500G/350W/Optical Driver	4U19" standard rack mount IPC-820 complete PC /EC0-1815/I5-2400/4G memory/500G HDD /ATX 350W power supply /Optical Driver /IO port(excluding motherboard IO port): 4xUSB(2 front 2 rear) /2xCOM/1xVGA
0010-081041	IPC-820/EC0-1816/G2120/2G/500G/250W/ No Optical Driver	4U19" standard rack mount IPC-820 complete PC/EC0-1816V2NA(B)-6COM/G2120/2G memory/500G HDD/ATX 250W power supply/No Optical Driver /IO Port(excluding motherboard IO port):4xCOM/6xUSB(2 front, 4rear)/1xLPT/(Motherboard with 5xPCI, 1xPCIEx1 (X4connector), 1xPCIEX16, 2xCOM)
0010-070211	IPC-820/EC0-1816/G2120/2G/500G/250W/ No Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-10COM/G2120/2G memory/500G HDD /ATX 250W power supply /No Optical Driver / IO Port(excluding motherboard IO port): 6xCOM(can expand extra 2 COM by cable)/1xLPT/(mother board with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2x COM)
0010-072751	IPC-820/EC0-1816/G2120/2G/500G/250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-10COM/G2120/2G memory/500G HDD /ATX 250W power supply/Optical Driver/ IO Port(excluding motherboard IO port): 6xCOM(can expand extra 2 COM by cable)/1xLPT/(mother board with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)

0010-081061	IPC-820/EC0-1816/I3-2120/ 2G/500G/250W/ Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-6COM/I3-2120/2G memory/500G HDD /ATX 250W power supply/Optical Driver/IO Port(excluding motherboard IO port): 4xCOM/6xUSB(2 front 4 rear)/1xLPT/(motherboard with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-070221	IPC-820/EC0-1816/I3-2120/ 2G/500G/250W/ Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-10COM/I3-2120/2G memory/500G HDD /ATX 250W power supply /Optical Driver /IO Port(excluding motherboard IO port): 6xCOM(can expand extra 2 COM by cable)/ 6xUSB(2 front 4 rear)/1xLPT/ (motherboard with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-081071	IPC-820/EC0-1816/I5-2400/ 2G/500G/250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-6COM/I5-2400/2G memory/500G HDD /ATX 250W power supply /Optical Driver / IO Port (excluding motherboard IO port): 4xCOM/ 6xUSB(2 front 4 rear)/1xLPT/(motherboard with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-072761	IPC-820/EC0-1816/I5-2400/ 2G/500G/250W/ Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-10COM/G2120/2G memory/500G HDD /ATX 250W power supply/Optical Driver/ IO Port(excluding motherboard IO port): 6xCOM(can expand extra 2 COM by cable)/1xLPT/(mother board with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-085761	IPC-820-01/EC0-1816/I5-2400 /4G/500G/ redundant power / Optical Driver	4U 19" standard rack mount IPC-820-01 complete PC /EC0-1816V2NA(B)-6COM/I5-2400/4G memory/500G HDD /400+400W redundant power supply /Optical Driver/ IO Port(excluding motherboard IO port):4xCOM/6xUSB(2 front 4 rear)/1xLPT/(motherboard with 5xPCI, 1xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-085401	IPC-820/EC0-1817-G1820-2G- 500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1817V2NA-H81/G1820/2G memory/500G HDD /ATX 250W power supply/Optical Driver/ IO Port(excluding motherboard IO port): 4xCOM/6xUSB(2 front 4 rear)/1xLPT/(motherboard with 4xPCI, 2xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-087451	IPC-820/EC0-1817-Q87-G1820 -2G-500G-250W/Optical driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1817V2NA-Q87/G1820/2G memory/500G HDD /ATX 250W power supply/Optical Driver/IO Port(excluding motherboard IO port): 4xCOM/1xLPT/(motherboard with 4xPCI, 2xPCIEx1(X4 connector), 1xPCIEX16, 2xCOM)
0010-072771	IPC-820/EPE-1815-G2120-2G -500G-250W/No Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815VNA-H61/G2120/2G memory/500G HDD /ATX 250W power supply /No Optical Driver / IO Port: 6xPCI, 3xISA, 1xPCI-EX16/1xLan port /1xVGA/4xUSB(2front 2rear)/2xCOM/1xLPT/1xAudio(accessories)/1xPS2
0010-081491	IPC-820/EPE-1815-G2120-2G- 2x500G-250W/No Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815VNA-H61/G2120/2G memory/2x500G HDD (RAID1) /ATX 250W power supply/No Optical Driver /RAID card: ERM-1221T/Sinopec Operation systems /IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/1x LAN Port/1xVGA/4xUSB (2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2



0010-064001	IPC-820/EPE-1815-G2120-2G-500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815VNA-H61/G2120/2G memory/500G HDD /ATX 250W power supply /Optical Driver/IO Port:6xPCI, 3xISA, 1xPCI-EX16/ 1x LAN port/1xVGA/4xUSB(2front 2rear)/2xCOM/1xLPT/1xAudio(accessories)/1xPS2
0010-078281	IPC-820/EPE-1815-G2120-2G-500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815VNA-H61/G2120/2G memory/500G HDD /ATX 250W power supply /Optical Driver/IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/1x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-081091	IPC-820/EC0-1816/G2120/2G/500G/250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EC0-1816V2NA(B)-6COM/G2120/2G memory/500G HDD /ATX 250W power supply/ Optical Driver /IO Port(excluding motherboard IO port): 4xCOM/6xUSB(2 front 4 rear)/1xLPT/(motherboard with 5xPCI,1xPCIEx1(X4 connector),1xPCIEX16, 2xCOM)
0010-078291	IPC-820/EPE-1815-I3-2120-4G-500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-H61/I3-2120/4G memory/500G HDD/ATX 250W power supply/Optical Driver/ IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/ 2x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-083341	IPC-820/EPE-1815-I3-2120-2G-500G-350W Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-Q67L/I3-2120/2G memory/500G HDD /ATX 350W power supply /Optical Driver / IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/ 2x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-078301	IPC-820/EPE-1815-I5-2400-4G-500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-H61/I5-2400/4G memory/500G HDD /ATX 250W power supply/Optical Driver /IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/ 2x LAN port/1xVGA/4xUSB(2front 2rear)/ 2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-085771	IPC-820-01/EPE-1815/I5-2400/4G/500G/ redundant power supply/ Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-H61/I5-2400/4G memory/500G HDD /400+400W redundant power supply/Optical Driver /IO Port: 10xPCI, 1xPCI-EX1, 1xPCI-EX16/ 2x LAN port/1xVGA/4xUSB(2front 2rear) 2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-083351	IPC-820/EPE-1815-I7-2600-4G-500G-300W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-Q67L/I7-2600/4G memory/500G HDD /ATX 300W power supply /Optical Driver /IO Port: 10xPCI, 1xPCI-EX1(X4 connector), 1xPCI-EX16/ 2x LAN port / 1 x V G A / 4 x U S B ( 2 f r o n t 2 r e a r ) /2xCOM/1xLPT/1xAudio(accessories)/1xPS2
0010-083361	IPC-820/EPE-1815-I7-2600-4G-500G-300W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-Q67L/I7-2600/4G memory/500G HDD /ATX 300W power supply /Optical Driver / IO Port: 4xPCI, 4xPCI-EX1, 1xPCI-EX16/ 2x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2

0010-083921	IPC-820/EPE-1815-I7-2600-8G-1T-250W/No Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-Q67L/I7-2600/single slot 8G memory/2x500G HDD ( RAID1)/ATX 250W power supply /No Optical Driver /RAID card; ERM-1221T/ 2xPCI expand slot position/ IO Port: 2x LAN port/ 5xVGA/4xUSB(2front 2rear)/6xCOM/3xLPT/1xAudio(accessories)/1xPS2
0010-077801	IPC-820/EPE-1815-I7-2600-4G-500G-350W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-B65L/I7-2600/4G memory/500G HDD /ATX 350W power supply/Optical Driver /IO Port: 4xPCI, 3xPCI-EX1, 4xPCI-EX4/ 2x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-043561	IPC-820/EPI-1813CLD2NA/D410/1G/250W/No Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPI-1813CLD2NA-D4M1(B)/D410/1G memory/500G HDD /ATX 250W power supply /No Optical Driver / IO Port: 2x LAN port/1xVGA/4xUSB(2front 2rear) /2xCOM/ 1xLPT/1xAudio(accessories)/1xPS2
0010-074311	IPC-820/FSC-1817V2NA /I7-2600/4G/500G/350W/ Optical Driver	4U 19" standard rack mount IPC-820 complete PC/FSC-1817V2NA /I7-2600/4G memory/500G HDD /ATX 350W power supply / Optical Driver/ IO Port: 4xPCI, 4xPCI-EX4, 4xPCI-EX1/ 2x LAN port/1xVGA/6xUSB(2front, 2rear ,2accessories) /2xCOM/ 1xLPT/1xAudio(accessories)/1x DVI(accessories)/1xPS2
0010-064011	IPC-820/EPE-1815-I3-2120-4G-500G-250W/Optical Driver	4U 19" standard rack mount IPC-820 complete PC /EPE-1815V2NA-H61/I3-2120/4G memory/500 G HDD /ATX 250W power supply /Optical Driver/ IO Port: 10xPCI, 1xPCI-EX1(X4 connector), 1xPCI-EX16/ 2x LAN port / 1 x V G A / 4 x U S B ( 2 f r o n t 2 r e a r ) /2xCOM/1xLPT/1xAudio(accessories)/1xPS2