

# CPC-8204

2U Height CompactPCI Chassis with Redundant Power Supply



## Features

- 2U height, 19" rackmount for 6U CompactPCI boards, supports 80mm rear I/O boards
- Excellent performance in heat-dispersion, supporting one group of hot-swap fan module.
- Excellent EMC and anti-vibration performance, high reliability
- PICMG 2.5 Telephony H.110 CT backplane compliant
- PICMG 2.1 Hot Swap compliant, supports peripherals hot swap
- PICMG 2.11 power interface compliant, supports redundant hot-swap CompactPCI power supply

## Specifications

### Chassis

Construction 2U height, 19" rackmount CompactPCI chassis, supporting 80mm rear I/O boards

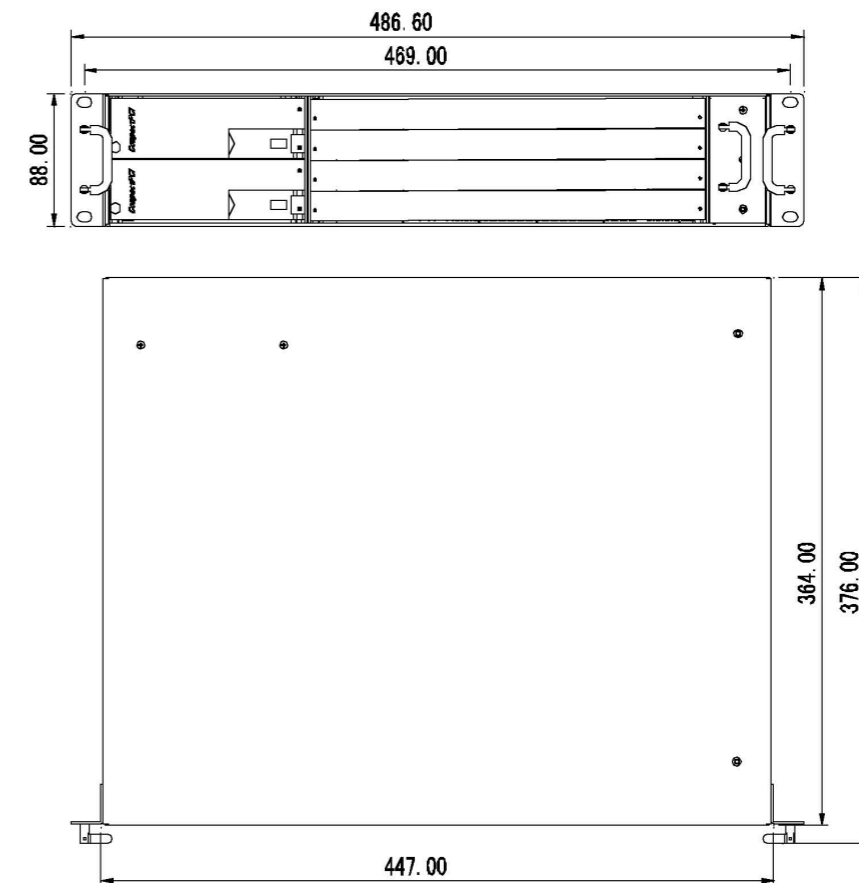
### Backplane

Part Number	Standards	Compliant with:
CPC-9104H		PICMG2.0 CompactPCI R3.0 PICMG2.1 Hot Swap R2.0 PICMG 2.5 Telephony H.110 R1.0 PICMG2.10 Keying R1.0 PICMG2.11 Power Interface R1.0
	System Slots	1 x system slot, supports 1 x 6U CompactPCI system board
	Peripheral Slots	3 x peripheral slot, supports 6U CompactPCI peripheral boards
	Rear I/O Slots	4 x rear I/O slot, supports 6U 80mm depth CompactPCI rear I/O boards
	CompactPCI Bus	Compliant with 32/64bit, 33/66MHz CompactPCI boards
	Power Supply	Installation Bay Supports 2 x 3U 8HP CompactPCI power supply
	Redundant Function	Supports 1+1(250W + 250W) Redundant, hot-swap capability
	Input & Output	AC or DC input compliant, supports wide range input AC to DC 250W CPCPI power supply: Input: 90V-264VAC with PFC Output: 40A@5V, 40A@3.3V, 5.5A@12V, 2A@-12V DC to DC 250W CPCPI power supply: Input: 36-75VDC Output: 40A@5V, 40A@3.3V, 5.5A@12V, 2A@-12V
	Protections	Over temperature, over voltage, over current, overload and short circuit protection
	Ventilation	One group of hot-swappable intake fan module at the right of chassis 3 x 8cm ball bearing fan, provides excellent cross-ventilation design
	Status Indicator	1 x fault, 1 x input OK indicator for CompactPCI power supply

### Mechanical and Environmental

Dimensions	2U(H) x 486mm (W) x 364mm(D)
Net/Gross Weight	8.5 kg/11.7 kg
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Safety	GB4943 compliant
Operating Temperature	-5°C~55°C
Storage Temperature	-40°C~85°C
Operating Humidity	20%-95%, 40°C non-condensing

## Dimensions



Unit: mm

## Ordering Information

Part Number	Model Number	Description
0020-041680	CPC-8204-1	CPC-8204/2U 4-slot chassis/CPC-9104H H.110 backplane/no power supply
0020-041670	CPC-8204-2	CPC-8204/2U 4-slot chassis/CPC-9104H H.110 backplane/ 2 x 250W CompactPCI power supply
0020-056901	CPC-8204B	CPC-8204B/2U 4-slot chassis/CPC-9104B backplane/ 2 x 200W CompactPCI power supply



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