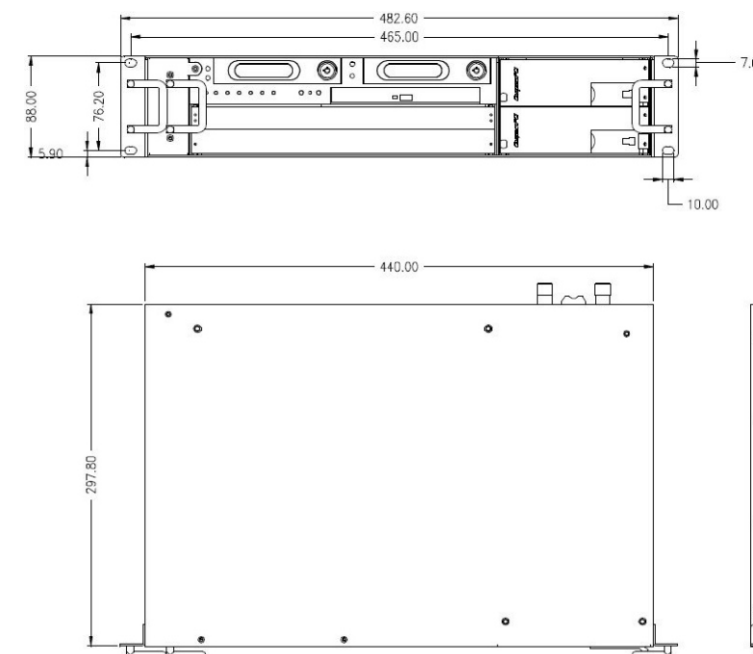


CPC-8203

Standard 19" 2U CompactPCI Chassis



Dimensions



1

Full-Size/Half-Size Slot CPU Cards

2

SBC/Motherboard/Modules

3

Embedded Box PC

4

Network Application Computers

5

Industrial PC

6

HMI

7

EVOG Rugged Series

8

MCC Series

9

Chassis

10

Data Acquisition Boards & Modules

11

Accessories



Features

- Perfect performance in heat-dissipation
- Provides system monitoring module, real-time monitoring voltage, temperature and HDD
- Excellent EMC and anti-vibration performance, high reliability, application in harsh environment
- Supports 2 x 2.5" SAS/SATA-hot-swap HDD installation tray, 1 x slim optical driver installation tray

Specifications

Chassis

Construction	Standard 2U 19" CPCI rackmount chassis
System slot	1 x System slot, supporting 1 x 6U CPCI system board
Peripheral slot	1 x Peripheral slot, supporting 1 x 6U CPCI peripheral board
Power Supply	Supports 2 x 3U 8HP CPCI 250W power supply, provides 1+1 redundant, AC/DC input compliant
Ventilation	Provides 3 x 8cm ball bearing air intake fan, good cross-ventilation design
Status Indicator	1 x Power, 4 x Voltage, 1 x temperature, 1 x Fan, 2 x HDD power, 2 x HDD
Front panel	1 x Reset switch, 1 x Alarm switch
Standard	Compliant with PICMG 2.0 R3.0, PICMG 2.1 R2.0, PICMG 2.5 R1.0

Mechanical and Environmental

Dimensions	2U(H) x 440mm(W) x 297.8mm(D)
Net /Gross Weight	9.24/12.32 kg
Reliability	MTBF ≥ 50000h; MTTR ≤ 0.5h
Safety	GB/T 9813 compliant
Operating Temperature	-5°C~55°C
Storage Temperature	-40°C~85°C
Operating Humidity	20%~95%, 40°C non-condensing

Test

Vibration	5-19Hz/1.2mm amplitude; 19-200Hz/1.2g acceleration
Shock	10g peak acceleration(11ms duration)
EMC/EMI	GB9254-1998 Class A, GB/T 17618
Certification	RoHS Compliant

Available Accessories

Part Number	Name	Description	Qty
2360-003670	AC power supply cable	Length: 1500mm/USA standard 821(A version) RoHS	1
2391-001161	Screw	Hex head #6-32x1/4/MHW#6-32x1/4-NI	6
2391-001181	Screw	Pan head #6-32x1/4/MP#6-32x1/4-Ni	4
2391-000501	Screw	Countersunk head M3x8 GB/GB-T819-1985/RoHS	2
2391-002141	Nut	M3 GB/T6170-1986 nickel plating/RoHS	2
N/A	Key	Metal	4
N/A	User Manual	CPC-8203 /RoHS	1

Related Products

Item	Typical Recommendation
System Board +Rear I/O Board	CPC-1711CLD2NA + CPC-RP701
	CPC-1813CV6N + CPC-RP803
	CPC-1814CLD5NA -CF + CPC-RP804
	CPC-1814CLD5NA - CF + CPC-RP805
	CPC-1814CLD5NA -PMC+ CPC-RP804
PMC Expansion Module	CPC-1814CLD5NA -PMC+ CPC-RP805
	CPC-2811CVD2NA + CPC-RP801
	PMC-4LAN, PMC-8COM, PMC-2CAN
Peripheral Expansion Board	CPC-8COM, CPC-16COM, CPC-2IDE
Power Supply	3U 8HP 250W ATX/CPCI Power Supply

Ordering Information

Part Number	Model Number	Description
0020-000630	CPC-8203AC/2-slot CPCI	Chassis: 24X ultra-slim CD-ROM/CPC-5SMM(B)/CPC-9102B/250W AC
0020-000631	CPC-8203AC/2-slot CPCI	Chassis/RoHS: 24X ultra-slim CD-ROM/CPC-5SMM(B)/CPC-9102B/250W AC
0020-004621	CPC-8203AC/no power/no backplane	Empty chassis/RoHS
0020-006850	CPC-8203DC/2-slot CPCI	Chassis: 24X ultra-slim CD-ROM/CPC-5SMM(B)/CPC-9102B/250W DC
0020-006851	CPC-8203DC/2-slot CPCI	Chassis/RoHS: 24X ultra-slim CD-ROM/CPC-5SMM(B)/CPC-9102B/250W DC
0020-031651	CPC-8203DC/no power/no backplane	Empty chassis/RoHS