

CPC-3414B 4U 14-slot CompactPCI® System with Redundant Power Supply

Brief Introduction

CPC-3414B is a 4U 14-slot 3U CompactPCI board system, standard 19" rack-mount PC, which supports to install add-in cards from both front and rear of the chassis. The product provides one system slot and thirteen expansion slots. The chassis features excellent EMC performance, immunity to interference, compact structure, reliable interconnection, excellent anti-vibration and anti-shock performance. It is highly reliable and quite convenient to replace fans and dust-proof net.

The product is appropriate for various harsh environments, especially such industries as in-vehicle, measurement and control, and military, etc.



Features

4U 14-slot 19" rack CompactPCI® Chassis

1 x system slot, 13 x expansion slot, support rear I/O

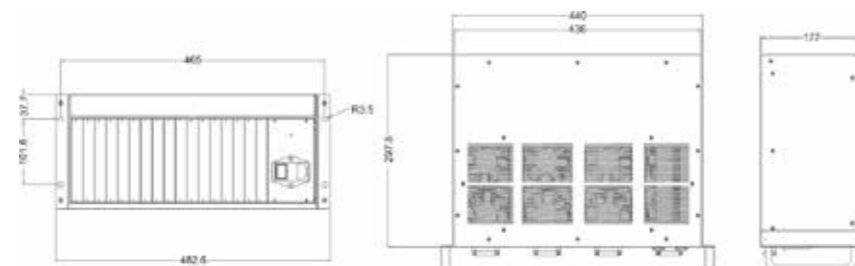
Support 32bit, 33MHz CompactPCI® Bus

1+1 250W redundant CPCI power supply

8 x 80mm axis fan, easy to replace filter

Meet PICMG® 2.0/2.1 standards

Product size chart



(Company : MM)

Specifications

Items	Specification
Enclosure	4U 14-slot 19" rack CompactPCI® Chassis Stainless steel metal case with black paint Support 3U CompactPCI® blade
CompactPCI® Standards	PICMG® 2.0 R3.0 CompactPCI® Specification PICMG® 2.1 R2.0 CompactPCI® Hot Swapt Specification
Backplane	PICMG® 2.0 R3.0 CompactPCI® Specification PICMG® 2.1 R2.0 CompactPCI® Hot Swapt Specification CPC-9314B: 14-slot 32bit, 33MHz CompactPCI® Bus, support rear I/O
Power Supply	Support 1+1 250W redundant CPCI power supply, support AC/DC input Over-voltage, over-current, short-circuit protection
Cooling System	8 x 80mm axis fans, 4800rpm, speed up to 7.8m/s Thermal design: blow from right to left
Operation Environment	0 ~ 50°C 5% ~ 95% non-condensing
Storage Environment	-20 ~ 60°C 5% ~ 95% non-condensing
Shock	10g, 11ms
Vibration	5 ~ 19Hz/1.0 mm amplitude 19 ~ 200Hz/1.0g acceleration
MTBF	≥ 50,000hrs
MTTR	≤ 0.5hrs

Ordering Information

P/N	Model	Description
0020-056840	CPC-3414B-01	4U 14-slot 19" rack CompactPCI® system Backplane: CPC-9314B/Bridge/2 x 250W CPCI PSU
1460-037901	Bezel	Blank bezel for CPC-3414B