

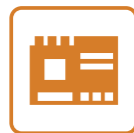
CPC-3414B

4U 14-slot 19" Rack Mount CompactPCI System Platform

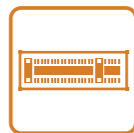
CPC-3414B is a 4U 14-slot 19" standard rack mount CompactPCI chassis. The chassis provides 1 x system slot and 13 x expansion slot, and supports insertion of cards at both front and rear. It has a pluggable fan module, and deploys heat dissipation design by blowing air from bottom to top. A dust filter mesh is installed at each air inlet, which facilitates replacement. The product is widely used in industry computer rooms.



Product Features



4U 14-slot 19" rack mount CompactPCI system platform



14 x vertical direction 3U CPCI slot, supporting 32bit/33MHz, and supporting rear I/O

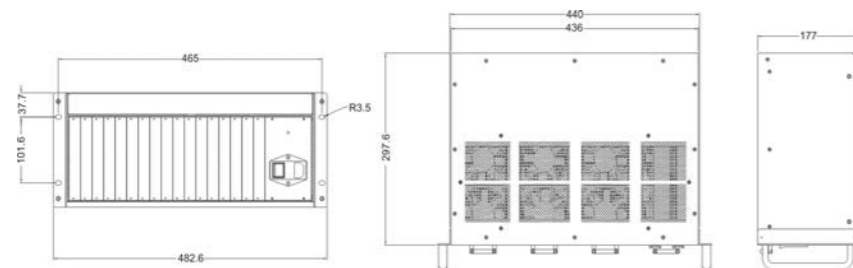


Built-in 2 x 250W CPCI redundant power supply, AC or DC input optional



Equipped with 8 x 80mm fan, cooling air flowing from bottom to top, which ensures sufficient heat dissipation

Product Dimensions Drawing



Please refer to the user manual to check detailed specifications and dimension. (Unit: MM)

Product Specifications

Item	Description
Description	Dimensions: 440mm x 177mm x 298mm (W x H x D) Material: Stainless steel metal chassis, black painting process
Backplane	Backplane (CPC-9314B) Supports 32bit/33MHz CPCI bus 14 x CompactPCI slot(1 x system slot, 13 x external slot), 2 x 3U 8HP CPCI power supply bay In the middle are bridge slot and main control slot, supporting rear IO
System Dissipation	Heat dissipation design by blowing air from bottom to top 40mm DC 12V/0.1A fan x 8
System Power Supply	1+1 3U CPCI redundant power supply, supporting AC/DC input, 100~240V AC input with overvoltage/short circuit protection circuit
Environment Specifications	Working temperature: 0°C~55°C Storage temperature: -20°C~60°C Relative humidity: 5%~90% non-condensing MTBF > 50,000 hours MTTR < 0.5 hours
Mechanical Specifications	Safety: meets basic requirements of GB4943 EMC: Radio disturbance limit complies with GB9254-1998 standard class A immunity complies with GB/T 17618-1998 standard class A Anti-vibration: 5-19Hz/1mm amplitude, 19-200Hz/1g acceleration Anti-shock: 10g acceleration, 11ms duration
Compatible Specifications	PICMG 2.0 R3.0 CompactPCI Specification PICMG 2.1 R2.0 CompactPCI Hot Swap Specification

* As for environment, EMC and other indices, the Technical Agreement between the two parties shall prevail.

Ordering Information

Part No.	Model	Description
0020-056840	CPC-3414B-01	19" 4U 14-slot CPCI chassis/3U slot/CPC-9314B backplane/bridge board/2 x 250W Power One CPCI AC power supply/4 x hot-swappable fan at the bottom
1460-037901	3U 4HP blanking panel	3U high 4HP blanking panel assembly

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