

# cPCIS-3330 series

## 9U Rackmount Sub-system with Redundant Power Module



cPCIS-3330 Front View



cPCIS-3330 Rear View

### Features

- Standard 6U CompactPCI and PICMG 2.5 H.110 CT Bus
- PICMG 2.1 Hot Swap compliant 32-bit or 64-bit 8-slot CompactPCI backplane with P3 & P5 rear I/O
- One cPCI segment, right-hand-side system slot
- 3+1 hot swappable 750W+250W redundant power supply with Universal AC input
- Guarded power switch and reset button
- Redundant cooling architecture
- Magnetic circuit breaker protection for AC-input
- Designed for NEBS Level 3 installation

### Applications

- High availability mission critical applications
- High performance technical computing for scientific or image processing
- Media Gateway
- Signaling Gateway
- Multi-access switch
- MSC/ BSC/ RNC
- HLR/ VLR

### Specifications

CompactPCI Standards	2.0 R3.0, 2.1 R2.0, 2.5 R1.0, 2.9 R1.0, 2.11 R1.0	Drive Bay	Two 5.25" and one 3.5" drive bays
Form Factor	6U cPCI	Power Supply	Supports up to 4 in-rack 3U cPCI 8HP power modules Supports current sharing on 5V, 3.3V and 12V PICMG 2.11 47-pin power interface Available power module: cPS-H325/AC (250W redundant each) Optional 48VDC model available for big quantity OEM project
Enclosure	EIA RS-310C 19" 9U high rack-mount enclosure Coated metal plate outer covering Guarded power switch and reset button	Backplane	cBP-6108R: 8-slot 32-bit 6U cPCI CT Bus Backplane cBP-6408R: 8-slot 64-bit 6U cPCI CT Bus Backplane
Basic Alarm Module (Model dependent)	Monitoring inner chassis temperature, fan status Abnormal status will generate alarm and LED warning Alarm reset (silence of beeper) LED indications show power voltage status on 5V, 3.3V, 12V and -12V	Dimensions	483.2 x 399 x 299.1 (mm, WxHxD, w/o handle)
Cooling System	Front-access hot-swappable fan trays for in-take and ventilation: 12V DC brush-less, dual ball bearing 5 fans for in-take and 5 fans for ventilation Rated speed for each fan: 4000 ± 500 RPM Rated power for each fan: 2.64W Air flow for in-take: 241 CFM Air flow for ventilation: 241 CFM Rear-access hot-swappable fan module for power bank and drive bays: 12V DC brush-less, dual ball bearing 2 fans for ventilation with 51 CFM each Rated speed for each fan: 2800 ± 250 RPM Rated power for each fan: 2.9W	Weight	24.5 Kg (including 750W + 250W redundant power supply and backplane)
		Operating temperature	0 to 45° C
		Storage temperature	-20 to 80° C
		Humidity	5% to 95%, non-condensed
		Shock	15G peak-to-peak, 11ms duration, non-operation
		Vibration	Non-operation: 1.88Grms, 5-500Hz, each axis Operation: 0.5Grms, 5-500Hz, each axis, test with 2.5" HDD
		NEBS	Design for NEBS Level 3

### Ordering Information

Model number	Description/Configuration
cPCIS-3330/AC	19" 9U Rackmount 32-bit 8-slot CT Sub-system (Black) with Basic Alarm Board, and Universal AC Input PSUx4
cPCIS-3330/64/AC	19" 9U Rackmount 64-bit 8-slot CT Sub-system (Black) with Basic Alarm Board, and Universal AC Input PSUx4

Note: EMC blank panels are optional. All models above do not include any system or peripheral board.