

# cPCIS-3310 Series

9U 14-slot CompactPCI Chassis with Redundant Power Supplies



Front View

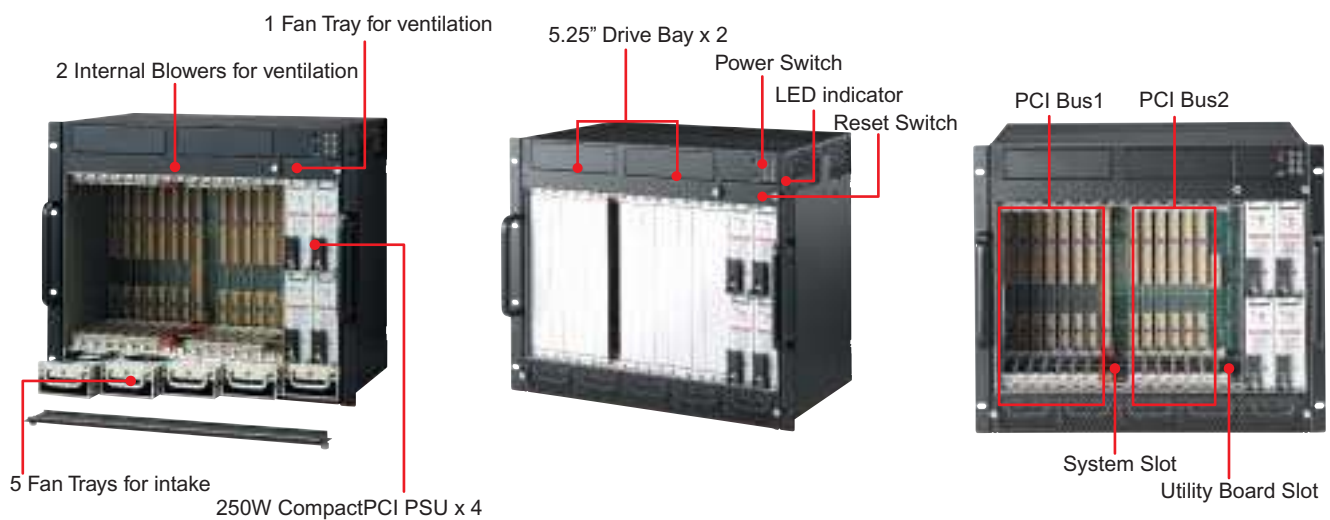


Rear View



## Features

- Standard 6U CompactPCI and PICMG 2.5 H.110 CT Bus for all peripheral slots
- PICMG 2.1 Hot Swap compliant 32-bit CompactPCI backplane with P3 & P5 rear I/O
- One cPCI segment, 1 system slot and 13 peripheral slots
- 3+1 (750W + 250W) hot swappable redundant power supplies with Universal AC input
- Redundant cooling architecture
- Magnetic circuit breaker protection for AC-input



# cPCIS-3310 Series

## 9U 14-slot CompactPCI Chassis with Redundant Power Supplies

### Specifications

Enclosure	EIA RS-310C 19" 9U high rackmount enclosure		
	Coated metal plate outer covering		
	Guarded power switch and reset button		
Form Factor	6U CompactPCI		
CompactPCI Standards	2.0 R3.0, 2.1 R2.0, 2.5 R1.0, 2.7 R1.0, 2.9 R1.0, 2.11 R1.0		
Backplane		cBP-6014R	
	cPCI Bus	32-bit/33MHz	
	System Slot	1 (right-hand side)	
	Peripheral Slot	13 (Bus A: 7 slots, Bus B: 6 slots)	
	H.110 CT Bus	Comply with all peripheral slots	
	Rear I/O	All slots support P3, P4, P5 rear I/O with AB-type shroud	
	V (I/O)	3.3V or 5V (default) selectable	
	Power Input	ATX connector x 4, DC screw terminals	
	System slot Legacy I/O	FDD, IDE1 and IDE2 (pin compatible with cPCI-6760D)	
	Power Supply	Supports current sharing on 5V, 3.3V and 12V	
PICMG 2.11 47-pin power interface			
Available power module: cPS-H325/AC x 4			
		Max. Load	Min. Load
+5V		132.0A	6.0A
+3.3V		132.0A	N/A
+12V		22.0A	N/A
-12V		4.0A	N/A
	** Max. load is the continuous operating load of each rail individually. The Max. load of each rail cannot be drawn from all outputs simultaneously.		
Basic Alarm Module	LED indications show power voltage status on 5V, 3.3V, 12V, and -12V, fan, temperature		
	Abnormal status will generate alarm and LED warning		
	Alarm reset		
Drive Bay	Two 5.25" drive bay		
Cooling System	2 top blowers for ventilation	Rated speed for each fan: 3300RPM Rated power for each fan: 4.56W	
	1 top fan for ventilation	Rated speed for each fan: 4000 ± 500RPM Rated power for each fan: 2.64W	
	5 fans for front-access intake	Rated speed for each fan: 4000 ± 500RPM Rated power for each fan: 2.64W	
Physical	Dimensions	483.2 x 399 x 299.1 (mm, W x H x D, w/o handle)	
	Weight	24.5kg/53.9lbs (including redundant power supply and backplane only)	
Operating Temp.	0 to 55°C (depending on system configurations)		
Storage Temp.	-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, tested with 2.5" HDD		

### Recommended Configurations

CPU Board (System slot)	Rear I/O Board
cPCI-6760D/P8	cPCI-R6760D, cPCI-R6760S

### Ordering Information

cPCIS-3310/AC	9U CompactPCI Sub-system with 32-bit 14-slot H.110 BP, 250W Universal AC Input PSU x 4
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Note: All models above do not include any boards.

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