



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 750 W + 250 W redundant power supplies with universal AC input
- Redundant cooling architecture
- Magnetic circuit breaker protection for AC-input

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, 2.9 R1.0, 2.11 R1.0			
Backplane		cBP-6108R	cBP-6408R	
	cPCI Bus	32-bit/33 MHz	64-bit/33 MHz	
	System Slot	One		
	Peripheral Slot	Seven		
	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)	3.3 V or 5 V (default) selectable		
	Power Input	ATX connector x 3, DC screw terminals		
	System slot Legacy I/O	FDD, IDE1 and IDE2	N/A	
		(pin compatible with cPCI-6841)		
Power Supply	Supports current sharing on 5 V, 3.3 V and 12 V PICMG® 2.11 47-pin power interface Available power module: cPS-H325/AC x 4 or cPS-H325/DC4 x 4 (750 W+250 W redundant)			
		Max. Load	Min. Load	
	+5 V	132.0 A	6.0 A	
	+3.3 V	132.0 A	N/A	
	+12 V	22.0 A	N/A	
	-12 V	4.0 A	N/A	

Alarm Module:	LED indications show power voltage status on 5 V, 3.3 V, 12 V, and -12 V, fan, temperature	
Basic Alarm Module	Abnormal status will generate alarm and LED warning	
	Alarm reset	
Drive Bay	Two 5.25", one 3.5", one slim-type CD-ROM drive bays	
Cooling System	Five fans for front-access intake	Rated speed for each fan: 4000 ±500 RPM Rated power for each fan: 2.64 W Maximum Air Flow: 48.2 CFM
	Five fans for front-access ventilation	Rated speed for each fan: 4000 ±250 RPM Rated power for each fan: 2.64 W Maximum Air Flow: 48.2 CFM
	Two fans for rear-access ventilation	Rated speed for each fan: 2800 ±250 RPM Rated power for each fan: 2.9 W Maximum Air Flow: 49 CFM
Physical	Dimensions	483.2 x 399 x 339.1 (mm, W x H x D, w/ handle)
	Weight	24.5 kg/53.9 lbs (including redundant power supply and backplane only)
Operating Temp.	0° to 55°C (dependent on system configuration)	
Storage Temp.	-20° to 80°C	
Humidity	5% to 95%, non-condensed	
Shock	15 G peak-to-peak, 11 ms duration, non-operation	
Vibration	Non-operation: 1.88 Grms, 5-500 Hz, each axis	
	Operation: 0.5 Grms, 5-500 Hz, each axis, tested with 2.5" HDD	
NEBS	Designed for NEBS Level 3	

Recommended Configurations

CPU board	Rear I/O Board
cPCIS-3330/AC or cPCIS-3330/DC	
cPCI-6780V, cPCI-6780VS, cPCI-6780S	cPCI-R6780S, cPCI-R6780V
cPCI-6841	
cPCIS-3330/64/AC	
cPCI-6780V, cPCI-6780VS, cPCI-6780S	cPCI-R6780S, cPCI-R6780V
cPCI-6860A	cPCI-R6860A, cPCI-R6860L
cPCI-6811AA *	cPCI-R6820
cPCI-6820AA, cPCI-6820AB *	cPCI-R6820
cPCI-6840, cPCI-6840V *	cPCI-R6840, cPCI-R6841
cPCI-6841	
cPCI-6910 *	cPCI-R6911
cPCI-6920*	cPCI-R6920

Note: *Does not support FDD.

Product Matrix

	250 W AC x4	250 W DC48V x4
32-bit Backplane	cPCIS-3330/AC	cPCIS-3330/DC4
64-bit Backplane	cPCIS-3330/64/AC	

Ordering Information

Modules

Model Number	Description/Configuration
cPCIS-3330/AC	9U 32-bit 8-slot CT Sub-system (Black) with Basic Alarm Board, Backplanes & 250 W Universal AC Input PSU x 4
cPCIS-3330/DC4	9U 32-bit 8-slot CT Sub-system (Black) with Basic Alarm Board, Backplanes & DC48V Input PSU x 4
cPCIS-3330/64/AC	9U 64-bit 8-slot CT Sub-system (Black) with Basic Alarm Board, Backplanes & 250 W Universal AC Input PSU x 4

Note: All models above do not include any boards.

Mechanical Layout



Rear View

