

cPCIS-3330 Series

9U 8-slot CompactPCI® Chassis with Redundant Power Supplies



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		
Power Supply	Supports current sharing on 5 V, 3.3 V and 12 V		
	PICMG® 2.11 47-pin power interface		
	Power module: cPS-H325/AC x4 or cPS-H325/DC4 x4 (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:	LEDs indicate status of 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 optical 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 ±500 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°C to 55°C (dependent on system configuration)	
Storage Temp.	-20°C to 80°C	
Humidity	5% to 95%, non-condensing	
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	
cPCI-6615, cPCI-6615D	cPCI-R6002
cPCIS-3330/64/AC or cPCIS-3330/DC	
cPCI-6510, cPCI-6510V	cPCI-R6002, cPCI-R6100, cPCI-R6110, cPCI-R6210, cPCI-R6200, cPCI-R6700(D)
cPCI-6880, cPCI-6880P	cPCI-R6000P, cPCI-R6002, cPCI-R6002D, cPCI-R6100, cPCI-R6110, cPCI-R6200, cPCI-R6700
cPCI-6210, cPCI-6210D	cPCI-R6002, cPCI-R6002D, cPCI-R6100, cPCI-R6110, cPCI-R6200, cPCI-R6700(D)

Ordering Information

Model Number	cPCI Bus	PSU Type	CMM	PSU MAX	AC/DC	H.110	CD/DVD ROM	2.5 HDD Rack	3.5 HDD Rack	5.25 HDD Rack	Alarm Board
cPCIS-3330/AC	32-bit/33MHz	AT	--	4x 250W	1x AC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module
cPCIS-3330/64/AC	64-bit/66MHz	AT	--	4x 250W	1x AC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module
cPCIS-3330/64/AC/2PSU	64-bit/66MHz	AT	--	2x 250W	1x AC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module
cPCIS-3330/64/DualAC/D500	64-bit/66MHz	AT	--	4x 250W	2x AC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module
cPCIS-3330/64/DualAC	64-bit/66MHz	AT	--	--	2x AC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module
cPCIS-3330/DC4	64-bit/66MHz	AT	--	4x250W (DC48)	1x DC	Y	--	--	1 Driver Bay	2 Driver Bays	Basic Alarm Module

Mechanical Layout

