

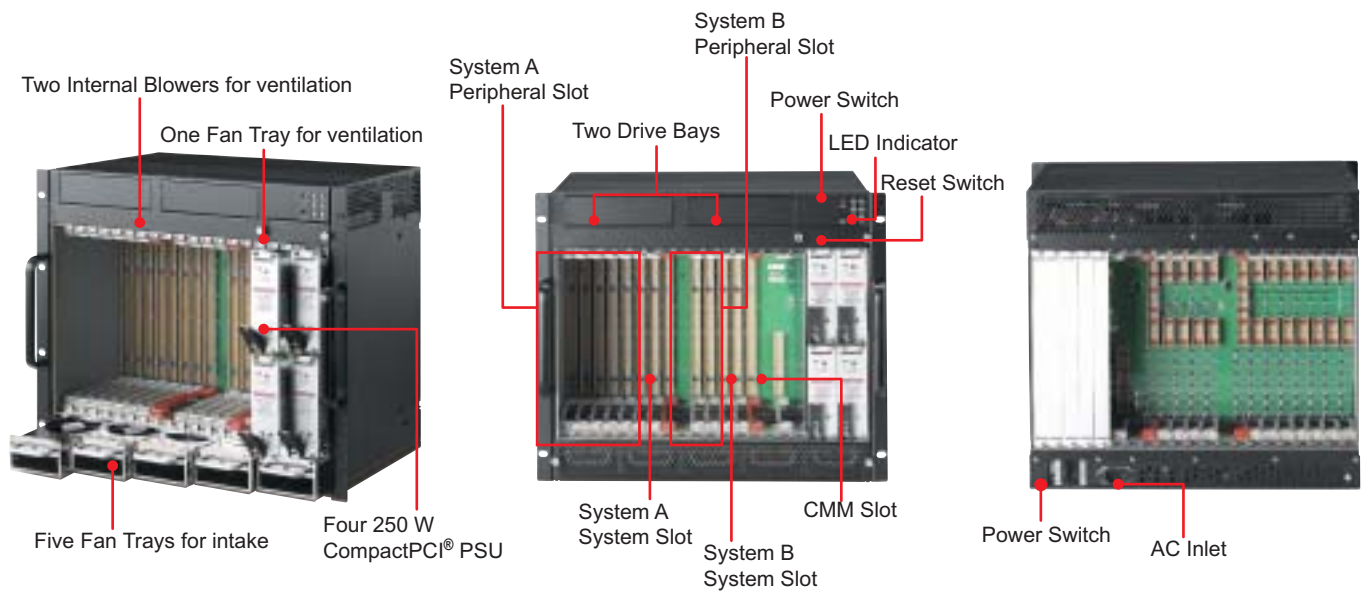
cPCIS-3320 Series

9U Dual-system CompactPCI® Chassis with Redundant Power Supplies



Features

- Standard 6U CompactPCI® and PICMG® 2.5 H.110 CT Bus for all peripheral slots
- PICMG® 2.1 Hot Swap compliant 64-bit CompactPCI® backplane with P3 & P5 rear I/O
- Dual-cPCI segments (System A: 1 + 7 slots, System B: 1 + 4 slots)
- 3+1 (750 W + 250 W) hot swappable redundant power supplies with universal AC input
- Redundant cooling architecture
- Magnetic circuit breaker protection for AC-input



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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		System A	System B
	cPCI Bus	64-bit/33 MHz	64-bit/66 MHz
	System Slot	One	One
	Peripheral Slot	Seven	Four
	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	
	CMM slots	One	
	Power Input	ATX connector x 2, DC screw terminals	
	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			
		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
** Max. load is the continuous operating load of each rail individually. The Max. load of each rail cannot be drawn from all outputs simultaneously.			
Alarm Module	Basic Alarm Module	Monitors inner chassis temperature, voltage and fan status Abnormal status will generate alarm and LED warning Alarm reset	
Drive Bay	Two 5.25" drive bays		
Cooling System	Two top blowers for ventilation	Rated speed for each fan: 3150 RPM Rated power for each fan: 6.12 W Maximum Air Flow: 21.02 CFM (Call for Availability)	
	One top fan for ventilation	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 intake	Rated speed for each fan: 4000 ± 500 RPM Rated power for each fan: 2.64 W Maximum Air Flow: 48.2 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 (depending on system configurations)
Storage Temp.	-20°C 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

Ordering Information

cPCIS-3320/AC	9U CompactPCI® Dual-system with 64-bit, H.100 bus, P3/P5 rear I/O, 5.25" Drive Bay x 2, CMM slot x 1, cPS-H325/AC x 4
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Note: All models above do not include any boards.

Recommended Configurations

CPU Board (System slot)	Rear I/O Board
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

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