

cPCIS-6130R Series

2-slot CompactPCI® Rackmount Chassis



Features

- 19" rackmount, 1U height for 6U cPCI boards with 80 mm rear I/O
- PICMG® 2.1 Hot Swap compliant 64-bit 2-slot CompactPCI® backplane
- One cPCI segment, lower-side system slot
- Built-in 200 W AC input power supply
- Guarded power switch and reset button

Specifications

Enclosure	EIA RS-310C 19" 1U high rackmount enclosure	
	Coated metal plate outer covering	
	Guarded power switch and reset button	
CompactPCI® Standards	2.0 R3.0, 2.1 R2.0, 2.5 R1.0	
Form Factor	6U CompactPCI® with 80 mm depth rear I/O	
Backplane	cBP-6402R: 2-slot 6U CompactPCI® backplane	
	64-bit/66 MHz cPCI bus	
	One system slot at lower slot, with P3, P4, P5 rear I/O	
	One peripheral slot, with P3, P5 rear I/O	
	Utility connectors: Six Fans, PS_ON, Reset, PWR_LED	
Power Supply	200 W ATX power supply with AC input switch and cooling fan	
	AC Input	Universal AC input, 100-240 ±10% V AC 50-60 ±5% Hz PFC: Typical 0.95 Meets Harmonic Correction IEC1000-3-2
	DC Output	16 A @ +5 V, 14 A @ +3.3 V, 9 A @ +12 V, 0.7 A @ -12 V (+5 Vsb and -5 V are not used in cPCI system) Maximum total output for +5 V and +3.3 V: 110 W Maximum total output for +5 V, +3.3 V, and +12 V: 186 W Efficiency: 65% at 115 V, full load
	Protection	Over load protection: 110%-160% Over voltage protection on +5 V, +3.3 V Short circuit protection: each voltage output
	Certifications	FCC class B, CISPR22 class B UL 1950, CSA 22.2 No.950 TÜV IEC 950
	Cooling System	Two fans for intake, one fan for exhaust on rear board
		12 V DC brushless, VAPO bearing 10.8 CFM/each
		Rated speed for each fan: 8200 ±1000 RPM
		Rated power for each fan: 1.6 W
		Three fans for front board exhaust
	12 V DC brushless, VAPO bearing 8 CFM/each	
	Rated speed for each fan: 7000 ±1000 RPM	
	Rated power for each fan: 1.2 W	
Dimensions	482.6 x 43.9 x 302.7 (mm, W x H x D, w/ handle)	
Weight	4.5 kg/9.9 lbs (including power supply and backplane)	
Operating Temp.	0°C to 50°C	
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	
NEBS	Designed for NEBS Level 3	

Recommended Configurations

CPU Board (System slot)	Rear I/O Board
cPCI-6510, cPCI-6510V	cPCI-R6002, cPCI-R6100, cPCI-R6110, cPCI-R6210, cPCI-R6700
cPCI-6880, cPCI-6880P	cPCI-R6000P, cPCI-R6002, cPCI-R6100, cPCI-R6110, cPCI-R6700
cPCI-6870	cPCI-R6101, cPCI-R6111
cPCI-6210	cPCI-R6002, cPCI-R6100, cPCI-R6110, cPCI-R6220, cPCI-R6700

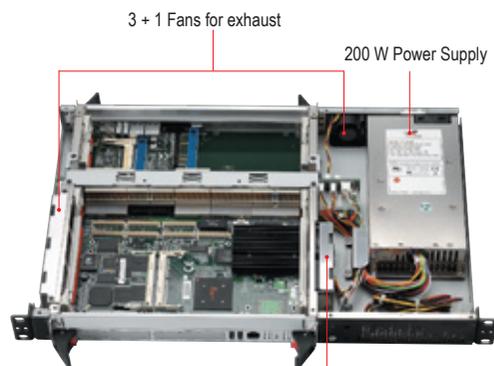
Ordering Information

Model Number	cPCI Bus	PSU Type	CMM	PSU MAX	AC- INPUT	H.110	Alarm Board
cPCIS-6130R	64-bit/66MHz	ATX	--	200W	1	Y	--
cPCIS-6130- R/300W	64-bit/66MHz	ATX	--	300W	1	Y	--

Mechanical Layout



Rear View



3 + 1 Fans for exhaust

200 W Power Supply

Two Fans for CPU cooling