

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

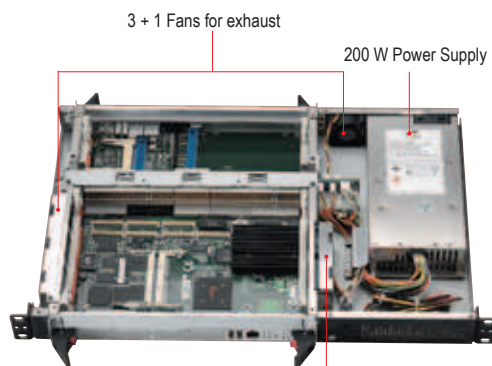
Ordering Information

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



Two Fans for CPU cooling