cPCIS-2500 Series

3U CompactPCI® 6-slot Cubic Chassis with CompactPCI® Power Module



cPCIS-2501 Front View

Features

- Compact size, 4U enclosure for 3U CompactPCI® cards
- Side handle design for portable applications
- Stand feet on bottom side for desktop applications
- Versatile wall-mount application with mounting kit
- Standard PICMG® 2.11 47-Pin modular power supply
- Bottom-access removable filter for easy maintenance
- Built-in efficient cooling system

Specifications

Standards	CompactPCI® 2.0 R3.0
Form Factor	For 3U CompactPCI® cards without rear I/O
Enclosure	Coated metal plate outer covering with aluminum framework
Cooling System	Bottom-access removable fans for intake:
	12V DC brush-less, ball bearings
	Two fans with 67.02 CFM/fan
	Rated speed for each fan: 4500 RPM
	Rated power for each fan: 6 W
Power Supply	Power backplane: cBP-3061
	Supports single in-rack 3U cPCI 8HP power module
	PICMG 2.11 47-pin power interface
	Available power module: cPS-H325/AC (250 W)
	DC input models available for OEM programs
Backplane	cBP-3206: 6-slot 32-bit 3U cPCI Backplane
Chassis Partition	Five slots for peripheral cards
	One slot for system module
	One slot for 3U 8HP cPCI power module
Dimensions	221.4 x 237 x 177 (mm, W x D x H, w/o wall mount kit or stand feet)
	253.1 x 237 x 177 (mm, W x D x H, with wall mount kit or stand feet)
Weight	4.5 kg/9.9 lbs (without SBC, PSU, with backplane)
Operating Temp.	0˚C to 60˚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: 0.5Grms, 5-500 Hz, each axis, tested with 2.5" HDD
Safety or Certificate	CE/LVD

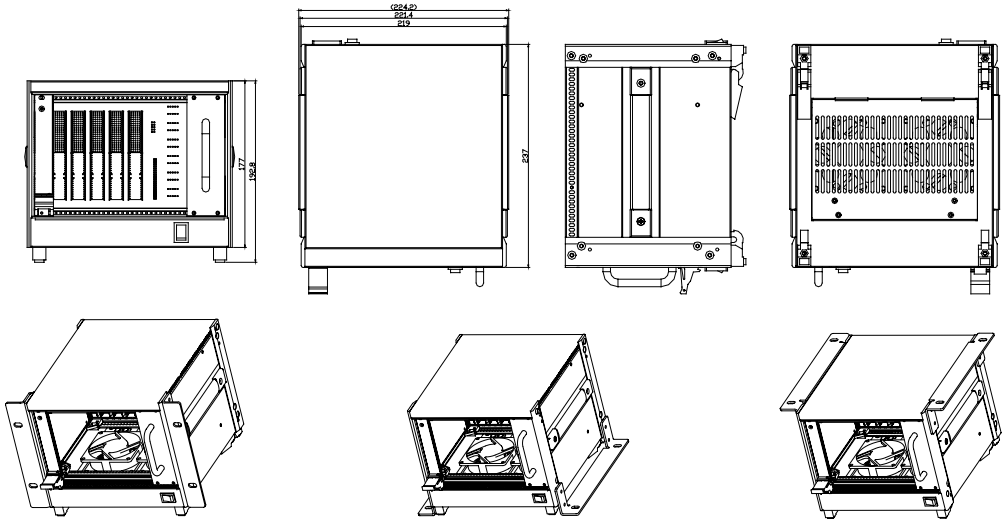
Ordering Information

Model Number	Description/Configuration
cPCIS-2501/AC	3U CompactPCI® 6-slot Cubic Chassis with cPS-H325/AC

Note: EMC blank panels (cPCI-Panel-Kit-3U1S) are optional. All models above do not include any system or peripheral boards.

Dimensions

Units: mm



Wall mount on the front side

Wall mount on the bottom

Wall mount on the top