cPCIS-2600/2800 Series

Versatile 3U Platform with Hot-Swappable Fans and Chassis Alarm



Features

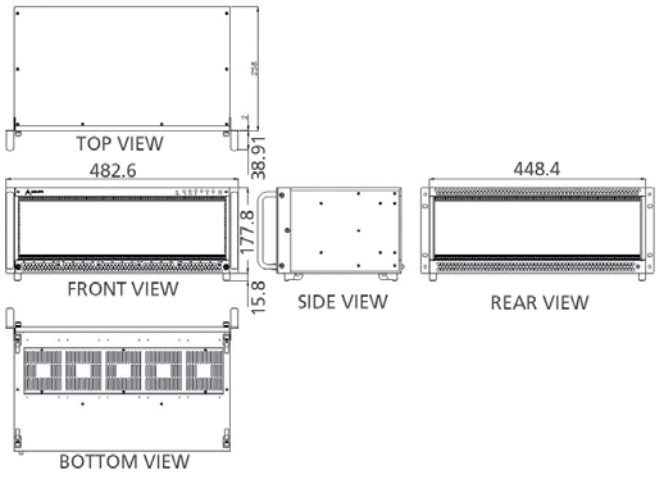
- Supports both 3U CompactPCI and PXI modules
- CompactPCI specifications 2.0 R2.0 compliant
- Equipped with one system slot and up to 12 CompactPCI peripheral slots backplane.
- Equipped with 400W ATX power supply or up to 750W CompactPCI redundant power supply.
- Hot-swappable fans design for easy replacement
- Filtered, forced-air cooling architecture
- Temperature, voltage and fan monitoring LEDs
- 4U high rackmount and benchtop installation

Specifications

CompactPCI® Standards	CompactPCI® 2.0 R2.0
Form Factor	3U CompactPCI® with 50mm depth rear I/O for cPCIS-2600 Series, 80mm depth rear I/O for cPCIS-2800 Series
Enclosure	EIA RS-310C 19" 4U high rackmount enclosure
	Coated metal plate outer covering
	Guarded power switch and reset button
Alarm Module	Monitors inner chassis temperature and fan status
	Abnormal status will generate alarm and LED warning
	Alarm reset
	LED shows power voltage status on 5V, 3.3V, 12V, and -12V
Cooling System	Front-access hot-swappable low noise fan trays for intake:
	12V DC brush-less, ball bearings
	Five fan trays with 36 CFM/fan
	Rated fan speed 2800 RPM
	Rated power for each fan: 1.56 W
Power Supply	Optional industrial grade ATX power supply or PICMG® 2.11 47-pin 3U cPCI power modules, depending on subsystem configuration
Backplane	3U backplanes, model dependant on subsystem configuration
Dimensions	448.4 x 177.8 x 258 (mm, W x H x D, excluding brackets) for cPCIS-2600 Series
	448.4 x 177.8 x 288 (mm, W x H x D, excluding brackets) for cPCIS-2800 Series
Operating Temperature	0°C to +60°C
Storage Temperature	-20°C to +80°C
Humidity	5% to 95%, non-condensing
Shock	15 G peak-to-peak, 11ms duration, non-operation
Vibration	Non-operation: 1.8 8Grms, 5-500 Hz, each axis
	Operation: 0.5 Grms, 5-500 Hz, each axis, tested with 2.5" HDD

Dimensions

Units: mm

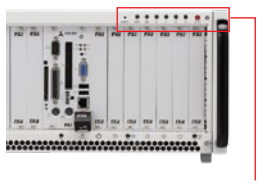


Mechanical Layout



Front-Access Hot-Swappable Fans





Temperature, Voltage and Fan Monitoring LEDs



Redundant Power Supply

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Note: All specifications are subject to change without further notice.