

# 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

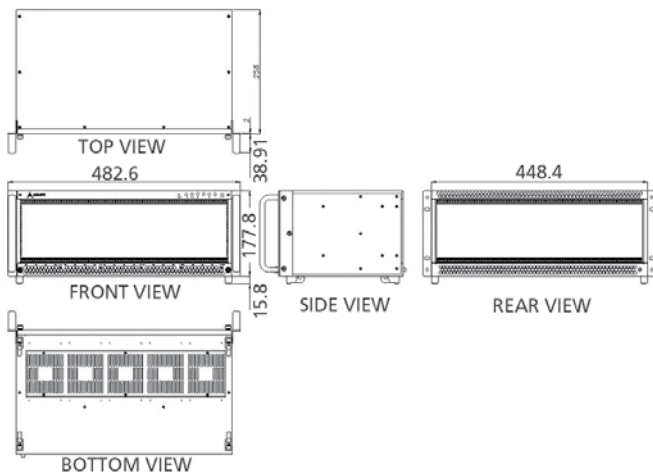
## Specifications

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 Grms, 5-500 Hz, each axis Operation: 0.5 Grms, 5-500 Hz, each axis, tested with 2.5" HDD

## Dimensions

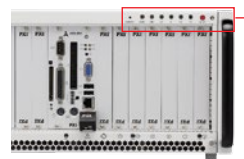
Units: mm



## Mechanical Layout



Front-Access Hot-Swappable Fans



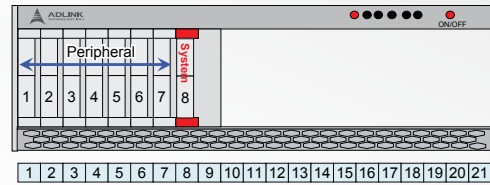
Temperature, Voltage and Fan Monitoring LEDs



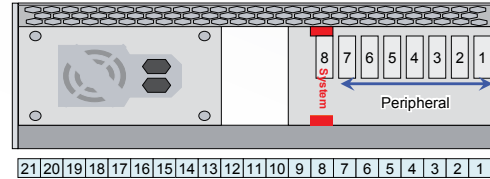
Redundant Power Supply

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

# cPCIS-2630/cPCIS-2830 3U CompactPCI® Subsystem with 8-slot Backplane and 400 W ATX Power Supply



cPCIS-2630R/cPCIS-2830R Inside Front View



cPCIS-2630R/cPCIS-2830R Inside Rear View

## Features

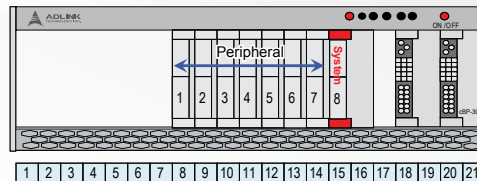
- 3U CompactPCI® backplane with seven peripheral slots and one system slot
- Temperature, voltage, and fan monitoring LEDs
- Supports rear I/O backplane with P2 connectors for cPCI 50mm/80mm depth RTMs
- Temperature, voltage, and fan monitoring LEDs
- Hot-swappable cooling fans & filter
- 400 W ATX Power supply

## Ordering Information

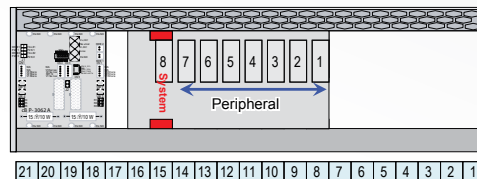
Model Name	System	Peripheral	Rear	Alarm Module	PSU QTY	PSU MAX	PICMG®
cPCIS-2630/cPCIS-2830	1	7	1 *system slot only	Yes	1	400 W	2.0, 2.1
cPCIS-2630R/cPCIS-2830R	1	7	8	Yes	1	400 W	2.0, 2.1

Note: All models above do not include any system or peripheral boards.

# cPCIS-2632/cPCIS-2832 3U CompactPCI® Subsystem with 8-slot Backplane and 1 + 1 CompactPCI® Redundant Power Modules



cPCIS-2632R/cPCIS-2832R Inside Front View



cPCIS-2632R/cPCIS-2832R Inside Rear View

## Features

- 3U CompactPCI® backplane with seven peripheral slots and one system slot
- Temperature, voltage, and fan monitoring LEDs
- Supports current sharing on +5 V, +3.3 V, and +12 V
- 1 + 1 hot swappable 250 W + 250 W CompactPCI® power supplies
- PICMG® 2.11 47-pin power interface
- Hot-swappable cooling fans & filter
- Supports rear I/O backplane with P2 connectors for cPCI 50mm/80mm depth RTMs

## Ordering Information

Model Name	System	Peripheral	Rear	Alarm Module	PSU QTY	PSU MAX	PICMG®
cPCIS-2632/cPCIS-2832	1	7	1 *system slot only	Yes	2	500 W (1 + 1)	2.0, 2.1, 2.11
cPCIS-2632R/cPCIS-2832R	1	7	8	Yes	2	500 W (1 + 1)	2.0, 2.1, 2.11

Note: All models above do not include any system or peripheral boards.