

# 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

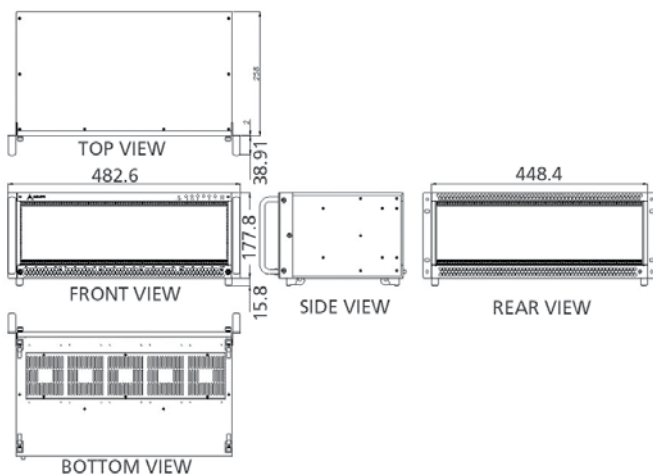
## Specifications

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

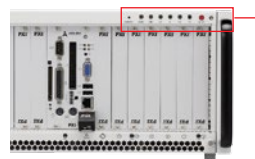
Units: mm



## Mechanical Layout



Front-Access Hot-Swappable Fans



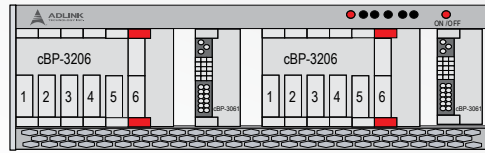
Temperature, Voltage and Fan Monitoring LEDs



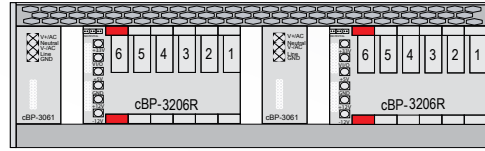
Redundant Power Supply

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

# cPCIS-2642/cPCIS-2842 Dual 3U CompactPCI® Subsystem with two 6-slot Backplanes and two CompactPCI® Power Modules



cPCIS-2642R/cPCIS-2842R Inside Front View



cPCIS-2642R/cPCIS-2842R Inside Rear View

## Features

- Dual 3U CompactPCI® systems, each with five peripheral slots and one system slot
- 1/1 250 W CompactPCI® Power supplies
- Temperature, voltage, and fan monitoring LEDs
- Supports current sharing on +5 V, +3.3 V, and +12 V
- 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	Segment	System	Peripheral	Rear	Alarm Module	PSU QTY	PSU MAX	PICMG®
cPCIS-2642/cPCIS-2842	2	1/1	5/5	1/1 *system slot only	Yes	1/1	250 W	2.0, 2.1, 2.11
cPCIS-2642R/cPCIS-2842R	2	1/1	5/5	6/6	Yes	1/1	250 W	2.0, 2.1, 2.11

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

# cPCIS-1100A/1102

## 3U Enclosure with 32-bit Backplane and ATX/CompactPCI® Redundant Power Supply



## Features

- 3U CompactPCI® single system, seven peripheral slot configuration or dual system, five peripheral slot configuration
- Equipped with single PS/2 form factor 400 W ATX power supply or CompactPCI® redundant power supply (Max. output 500 W)
- Suitable for both rackmount and desktop applications
- Comprehensive EMC shielding
- Optional rear I/O configuration (cPCI 50mm depth RTMs)

## Ordering Information

Model Name	Segment	System	Peripheral	Rear	PSU QTY	PSU MAX	PICMG®
<b>Single System, 400W ATX Power Supply</b>							
cPCIS-1100A	1	1	7	1 *system slot only	1*	400 W	2.0, 2.1
cPCIS-1100AR	1	1	7	8	1*	400 W	2.0, 2.1
<b>Single System, 250W x 2 CompactPCI® Power Supplies</b>							
cPCIS-1102	1	1	7	1 *system slot only	2*	500 W (250 W x2)	2.0, 2.1, 2.11
cPCIS-1102R	1	1	7	8	2*	500 W (250 W x2)	2.0, 2.1, 2.11

Notes: 1. External cooling fan is required. 2. Power Supply Module description: • 1\*: Universal Auto Switching 400 W Power Supply • 2\*: CompactPCI® redundant power supply x2 (500 W)  
3. All models above do not include any system or peripheral boards. 4. DC input models available for OEM programs.

## Specifications

CompactPCI® Standard	2.0 R3.0, 2.1 R2.0
Form Factor	3U cPCI
Enclosure	19" 3U rackmount enclosure
Power Supply	Optional industrial grade ATX power supply or PICMG® 2.11 47-pin 3U cPCI power module(s), dependent on subsystem configuration
Backplane	3U backplane(s), model dependent on subsystem configuration
Dimensions	482.56 x 133.35 x 250.0 mm (W x H x D)
Certifications	DIN IEC 68-2-6 test FC DIN IEC 68-2-27 test Ea DIN41 494, part 5 IEC 60297-3, EIA 310-D