

cPCIS-2633 series

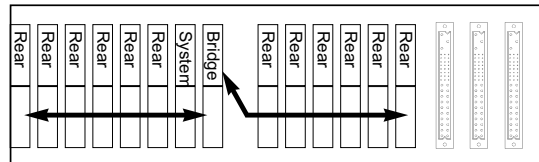
3U CompactPCI 19" Rackmount Chassis with 12 Peripheral Slots, 3 Redundant Power Supplies and Chassis Alarm



Features

- Standard 19" rackmount 4U high enclosure for 3U form factor CompactPCI cards
- Supports twelve peripheral slots and one 32-bit system slot
- One cPCI segment, removable PCI to PCI bridge card for bus extension, system slot in the middle.
- PICMG 2.11 Standard CompactPCI 47-Pin Interface
- 2+1 hot swappable 500W+250W redundant power supply
- Guarded power switch and reset button
- Chassis alarm module monitors system temperature and fan status
- Front-access hot-swappable fan trays with status indication

CompactPCI-bus architecture



Specifications

CompactPCI Standards	2.0 R3.0; 2.1 R2.0; 2.11 R1.0	Backplane	cBP-3213P: 13-slot 32-bit 3U cPCI Backplane with power sockets cBP-3213PR: 13-slot 32-bit 3U cPCI Backplane with power sockets and rear I/O configuration
Form Factor	3U cPCI with 50 mm depth rear I/O	Bridge	cBP-R3213: Rear side removable bridge card, TI2050 PCI to PCI bridge
Enclosure	EIA RS-310C 19" 4U high rack-mount enclosure Coated metal plate outer covering Guarded power switch and reset button	Chassis Partition	6 slots for peripheral cards of primary bus 3 slots for system module 6 slots for peripheral cards of secondary bus 6 slots for three 3U 8HP cPCI power modules
Alarm Module	Monitoring inner chassis temperature, fan status Abnormal status will generate alarm and LED warning Alarm reset (silence of beeper) LED indications show power voltage status on 5V, 3.3V, 12V and -12V	Dimension	448.4 x 177.8 x 258 (mm, WxHxD, w/o handle)
Cooling System	Front-access hot-swappable low noise fan trays for in-take: 12V DC brush-less, dual ball bearing Five fan trays with 26 CFM/each Rated speed for each fan: 2500 ± 300 RPM Rated power for each fan: 1.4W	Weight	14.5 Kg (including 500W + 250W redundant power supply and backplane)
Drive Bay	None	Operating temperature	0 to 60°C
Power Supply	Supports up to 3 in-rack 3U cPCI 8HP power modules Supports current sharing on 5V, 3.3V and 12V PICMG 2.11 47-pin power interface Available power module: cPS-H325/AC (250W redundant each) 48VDC or 24VDC model available for big quantity OEM project	Storage temperature	-20 to 80°C
		Humidity	5% to 95%, non-condensed
		Shock	15G peak-to-peak, 11ms duration, non-operation
		Vibration	Non-operation: 1.88Grms, 5-500Hz, each axis Operation: 0.5Grms, 5-500Hz, each axis, test with 2.5" HDD
		Safety or Certificate	CE, FCC class B

Ordering Information

Model number	Description/Configuration
cPCIS-2633	3U cPCI Sub-system 4U Enclosure with chassis alarm, 32-bit 13-slot backplane with bridge card, w/o PSU
cPCIS-2633/AC	3U cPCI Sub-system 4U Enclosure with chassis alarm, 32-bit 13-slot backplane with bridge card and 3 AC PSU cPS-H325/AC
cPCIS-2633R	3U cPCI Sub-system 4U Enclosure with chassis alarm, 32-bit 13-slot backplane with bridge card, w/o PSU, with rear I/O capability
cPCIS-2633R/AC	3U cPCI Sub-system 4U Enclosure with chassis alarm, 32-bit 13-slot backplane with bridge card and 3 AC PSU cPS-H325/AC, with rear I/O capability

Note: EMC blank panels are optional. All models above do not include any system or peripheral board.