cPCIS-5040/5080 series

4-slot/8-slot Chassis for 6U Front I/O cPCI



cPCIS-5040



cPCIS-5080

Features

- Concise design for 6U pure front I/O CompactPCI boards
- cPCIS-5040 for one system with 3 I/O boards
- cPCIS-5080 for one system with 7 I/O boards
- Equipped with 3U 32-bit backplane, without rear I/O
- One cPCI segment, right-hand-side system slot
- 20-pin ATX connector for system DC input
- Front access hot-swappable fan tray

Applications

- Industrial automation
- Machine automation
- Traffic control application

Specifications

CompactPCI Standards	2.0 R3.0; 2.1 R2.0
Form Factor	For 6U cPCI card without rear I/O
Enclosure	CompactPCI aluminum framework with coated metal plate outer covering
Cooling System	Front-access hot-swappable fan tray for in-take: 12V DC brush-less, ball bearing One 48.5 CFM fan for in-take (cPCIS-5040) Two 48.5 CFM fan for in-take (cPCIS-5080) Rated speed for each fan: 2600 ± 300 RPM Rated power for each fan: 2.4W
Drive Bay	None
Power Supply	20-pin ATX power connector for system DC power input External screw holes for mounting of PS/2 size ATX power supply Chassis delivered without power supply
Backplane	cBP-3204: 4-slot 32-bit 3U cPCI Backplane w/o RIO (cPCIS-5040) cBP-3208: 8-slot 32-bit 3U cPCI Backplane w/o RIO (cPCIS-5080)

Dimension	cPCIS-5040: 137 x 329.9 x 231 (mm, WxHxD, w/o handle, PSU, support frame) cPCIS-5080: 218.3 x 329.9 x 231 (mm, WxHxD, w/o handle, PSU, support frame)
Weight	cPCIS-5040: 4.1 Kg (including backplane) cPCIS-5080: 5.1 Kg (including backplane) Operating temperature 0 to 60˚C
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 A

Ordering Information

Model number	Description/Configuration
cPCIS-5040	4-slot 6U cPCI Front Board Chassis with Backplane
cPCIS-5080	8-slot 6U cPCI Front Board Chassis with Backplane

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

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