

D575.00720

# cPCI 4U/ 32HP 4 Slots Serial

Made  
in  
Germany



## Backplane

4 slot, 3U without rear I/O, GbE full mesh topology, PCIe Gen3, System slot right

## Fan

Fixed, No. 1, (12V, 120mm, 120CFM, 48dB/A)  
Airflow: Bottom to top

## Power Supply

Type: 180W ATX,  
Input: 100 – 240VAC, 47-63Hz  
Connector: Front side with switch

## Size

Height: 4U  
Width: 32HP  
Depth: 254.4mm

# CompactPCI 4U 32HP 4 Slots

As the established PICMG 2.0 CompactPCI has evolved, so has Kontron Hartmann Wiener product line. The 4U cPCI 4 slot solution is designed with quality and versatility in mind. This chassis comes complete with a 3U, 4 slot PCIe Gen3 backplane with full mesh topology, powered by a 180W ATX power supply.

This product has been thoroughly tested and is in accordance with IEEE 1101.1 and 1101.10/11 as well as IEC 60297-3-101, -102, -103.

## › Compliance

- › PICMG CompactPCI standard for industrial computing
- › Conforms to IEEE 1101.1 and IEEE 1101.10/11
- › Meets IEC 60297-3-101, -102, and -103 mechanical standards
- › Metric connectors designed to IEC 1076 specification

## › Power & Efficiency

- › Supports 32-bit and 64-bit PCI signaling and protocols
- › Compatible with passive backplanes and active bridges for multi-segment configurations

## › Protection Features

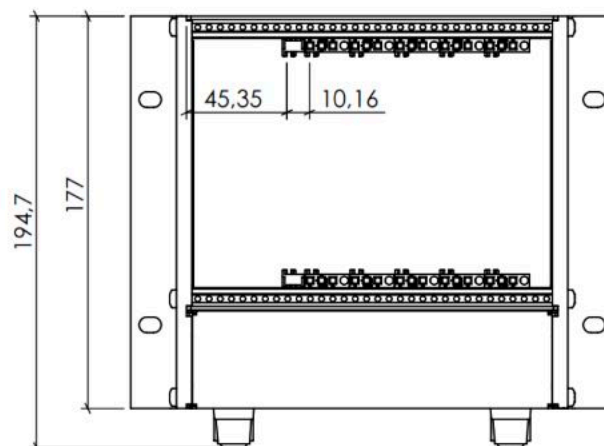
- › Enhanced EMC design for minimized interface
- › Proper grounding ensured by extended connector pins during insertion and removal

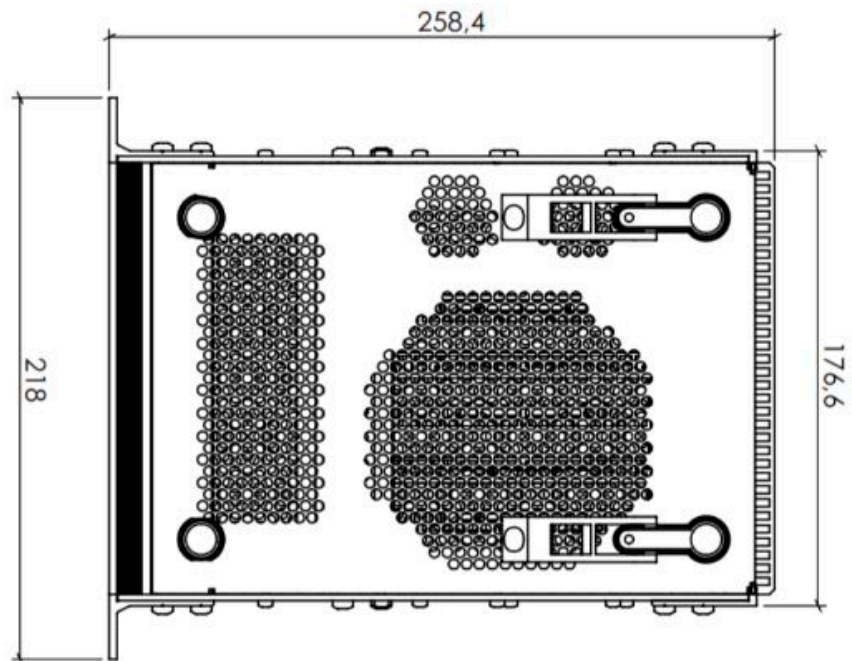
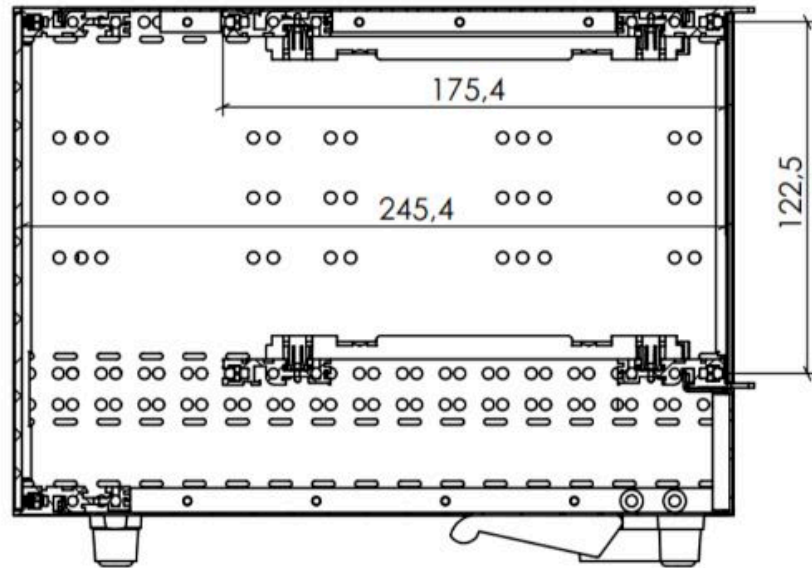
## › Management & Control

- › Optional shelf management for voltage and temperature monitoring
- › Intelligent fan trays with multi-point temperature and fan-speed regulation

## Key Features

- 4U (1+3) 32 HP CompactPCI Chassis Platform
- Card rack acc. to IEEE 1101.1, 1101.10/11 and IEC 60297-3-101, -102, -103, Aluminum, for wall assembly
- CompactPCI Serial backplane: 3 U, 4 slots, system slot right, w/o rear IO, GbE Full Mesh Topology, PCIe Gen3
- ATX power supply unit 180 W with, wide range input 100 – 240 VAC , 47 - 63 Hz (3.3 V / 12 A, 5 V / 14 A, 12 V / 14 A, –12 V / 0.3 and min. load: +12 V / 0.3 A) with PFC, with fan and switch, with cable harness for connection, to backplane, incl. 3U / 10HP front panel
- Cooled by 1x +12V DC fans 120mm, air flow from bottom to top
- Completely assembled and wired
- Other configurations on request





## Technical Information

<b>Mounting</b>	Panel-Mount	
<b>Backplane</b>	4 slot, 3U without rear I/O, GbE full mesh topology, PCIe Gen3, System slot right	
<b>Fan Tray</b>	Fixed	
no. Of Fans	1, (12V, 120mm, 120CFM, 48dB/A)	
Airflow	Bottom to top	
<b>Power Supply Type</b>	180W ATX	
Power Input	100 – 240VAC, 47-63Hz	
No. Of Supplies	1	
Output Voltages	3.3V/12A, 5V/14A, +12V/14A, -12V/0.3A, Minimum load: 12V/0.3A	
Power Supply Connector	Front side with switch	
Chassis Height	4U	
Chassis Width	32 HP	
Chassis Depth	254.4 mm	
IEEE	1101.1 and 1101.10/11	
IEC	60297-3-101, -102, -103	
Military Shipboard	MIL-STD-810F: 514.5C-15 (vibration)	
Military Highway	MIL-STD-810F: 514.5 C-1 (vibration), 515.5-10 (shock)	
Railway	EN 50155-EN 1373 class 1 B, rolling stock (shock/vibration)	