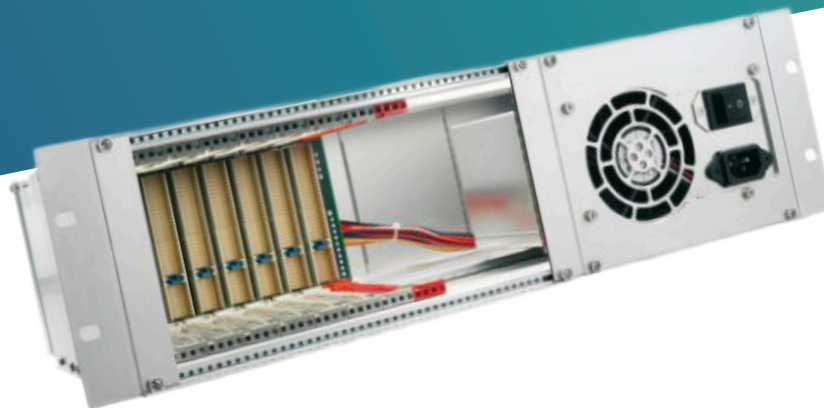


cPCI 3U/ 84HP 8 Slots

Made
in
Germany



Backplane

8 slot, 3U, 3.3V or 5V I/O, 32 bit/33 MHz with rear I/O, System slot right with ATX connector

Fan

No fan, Air flow: Bottom to top

Power Supply

Type:300W ATX
Input:90 – 264VC
Connector:Front side with switch

Size

Height:3U
Width: 84HP
Depth: 280mm

CompactPCI 4U 32HP 4 Slots

Kontron Hartmann Wiener CompactPCI 3U system platform provides an intelligent, practical packaging solution for high-performance processors. The full width rack mount model provides an 8 slot 3.3V or 5V I/O 3U cPCI backplane for vertical mounting of boards.

This system is designed with enhanced EMC features and conforms to mechanical standards IEEE 1101.1 and 1101.10/11 and IEC 60297-3-101, -102, -103. Unit comes completely assembled, wired, and tested.

› 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

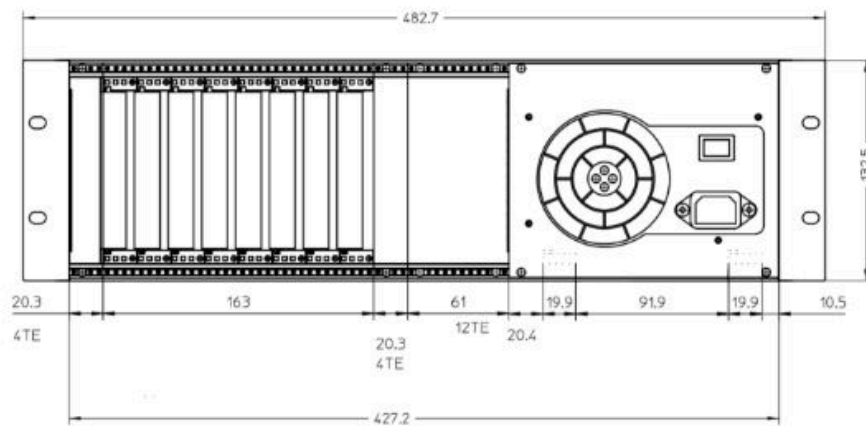
› Protection Features

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

› Management & Control

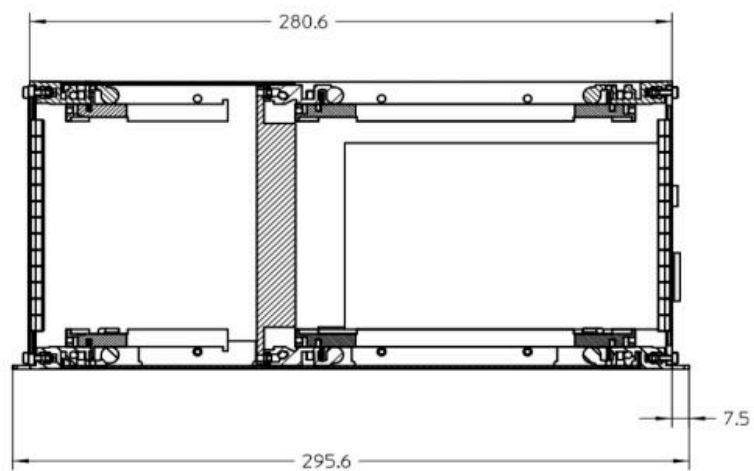
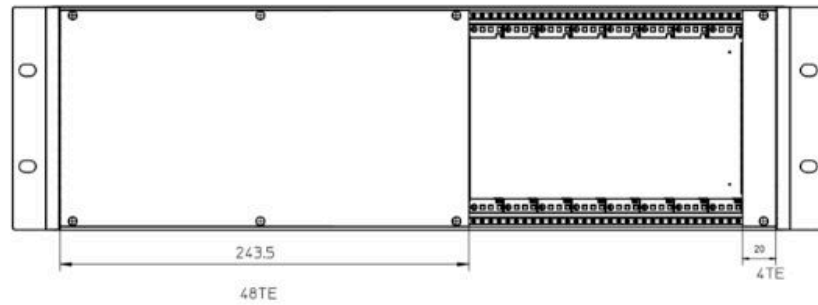
- › Optional shelf management for voltage and temperature monitoring
- › Intelligent fan trays with multi-point temperature and fan-speed regulation

Key Features



- 4U (1+3) 42 HP CompactPCI Chassis Desktop with rear I/O
- Card rack acc. to IEEE 1101.1, 1101.10/11 and IEC 60297-3-101, -102, -103
- CompactPCI Backplane, 3U, 7 Slot, System slot right, 32Bit/ 33 MHz, VIO = 5V, with rear I/O,
- CompactPCI power supply unit 300 W with, wide range input 90 –264 VAC, Output (3.3 V / 25 A, 5 V / 25 A, 12 V / 7 A, –12 V / 2 A), efficiency: typ. 85% at 230VAC, with P47 connector, incl. 3U / 8HP front panel
- Cooled by 2x +12V DC fans 80mm, air flow from bottom to top
- Power entry module with switch, fuse and filter on the rear side
- Completely assembled and wired
- Other configurations on request

Key Features



Technical Information

Mounting	19" rack-mount	
Backplane	8 slot, 3U, 3.3V or 5V I/O, 32 bit/33 MHz with rear I/O, System slot right with ATX connector	
Fan Tray	No	
no. Of Fans	0	
Airflow	Bottom to top	
Power Supply Type	300W ATX	
Power Input	90 – 264VC	
No. Of Supplies	1	
Output Voltages	3.3V/28A, 5V/35A, +12V/22A, -12V/1A, minimum load: 5V/0.5A, 12V/0.5A	
Power Supply Connector	Front side with switch	
Chassis Height	3U	
Chassis Width	84 HP	
Chassis Depth	280 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)	

Article	Ordering Code	Description
LMH0000100	LMH0000100	
LMH0000330	LMH0000330	