

cPCI 4U/ 84HP 8 Slots

Made
in
Germany



Backplane

8 slot, 9U monolithic (6U cPCI), 3U power with rear I/O, 5V I/O, 64 bit/33 Mhz, 2x P47 connectors

Fan

Removable fan tray, with replaceable dust filter, LED's for power/fan fail, 6 fans, Airflow: Left to right

Power Supply

Type: 300W cPCI, hot swap, Connector: Included with switch, fuse and filter

Size

Height:4U
Width:84HPP
Depth:283.1mm

CompactPCI 4U 84HP 8 Slots

Kontron Hartmann Wiener CompactPCI 4U system platform provides an intelligent, practical packaging solution for high-performance processors. The full width rack mount model comes with two 300W cPCI hot-swap power supplies and provides a 8 slot 5V I/O 9U monolithic (6U cPCI) backplane for horizontal 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**

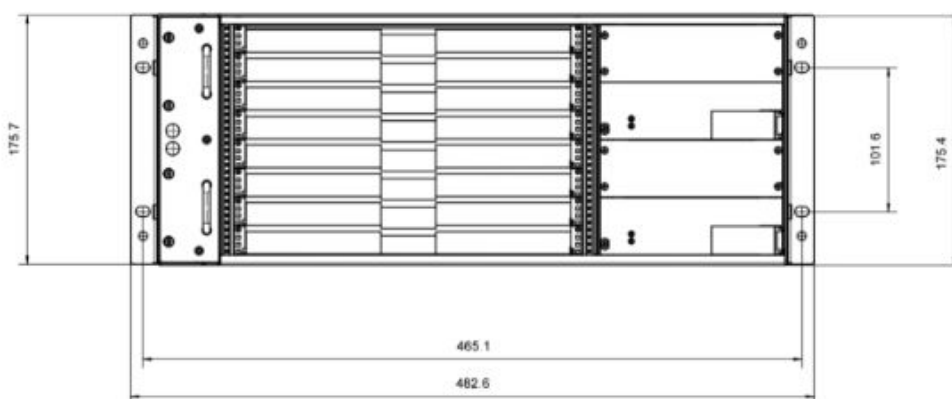
- › Enhanced EMC design for minimized interference
- › Proper grounding ensured by extended connector pins during insertion and removal

› **Management & Control**

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

Key Features

- 4U 84HP CompactPCI Chassis with fan tray
- Card rack acc. To IEEE 1101.1, 1101.10/11 and IEC 60297-3-101-102, -103
- CompactPCI Backplane, 6+3 U, 8 slots, system slot left 64bit/33 Mhz, VIO=5V, with rear I/O, with P47 power supply connector
- 2x CompactPCI power supply unit 300 W, with wide range input 90-264 VAC, (3.3V/40 A, 5V/40A, 12V/5A, -12V/2A) with PFC, with P47 connector, incl. 8HP/3U front panel
- Removable fan tray with 6DC fans, 80x80x25 mm, 36.4 CFM, 29dB(A), with LED indicator for the DC fans, replacable filter included
- Air flow from left to right
- Power entry module switch Fuse and filter on the rear side
- Completely assembled And wired
- Other configurations on request



Article	Ordering Code	Description
CompactPCI 4U 84HP 8 Slots	LMH0000251	CompactPCI 4U 84HP 8 Slots-Removable fan tray
CompactPCI 4U 84HP 8 Slots	LMH0000210	CompactPCI 4U 84HP 8 Slots-Fixed fans(special order item upon request only)

Technical Information

Mounting	19" rack-mount	
Backplane	8 slot, 9U monolithic (6U cPCI,) 3U power with rear I/O, 5V I/O, 64 bit/33 MHz, System slot left with 2x P47 connectors	
Fan Tray	Removable fan tray, with replaceable dust filter, LED's for power / fan fail	
no. Of Fans	6, 36.4CFM/29dB(A)	
Airflow	Left to right	
Power Supply Type	300W cPCI, hot swap	
Power Input	90 – 264VC / 47-63Hz	
No. Of Supplies	2	
Output Voltages	3.3V/40A, 5V/40A, +12V/10A, -12V/2A (Total max 300W)	
Power Supply Connector	Included with switch, fuse and filter	
Chassis Height	4U	
Chassis Width	84 HP	
Chassis Depth	283.1 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)	