

LMH0000222

cPCI 2U/ 84HP 4 Slots

Made
in
Germany



Backplane

4 slot, 9U monolithic (6U cPCI,) 3U power with rear I/O, 5V I/O,

Fan

Removable fan tray, with LED's for power / fanfail No. 3, 36.4CFM/29dB(A), Airflow:Left to right

Power Supply

Type:250W cPCI, hot swap, Input: 90 – 264VC / 47-63Hz, Connector: Included with switch, fuse ,filter

Size

Height:2U
Width: 84HP
Depth: 283.1mm

CompactPCI 2U 84HP 4 Slots

Kontron Hartmann Wiener CompactPCI 2U system platform provides an intelligent, practical packaging solution for high-performance processors. The full width rack mount model provides a 4 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

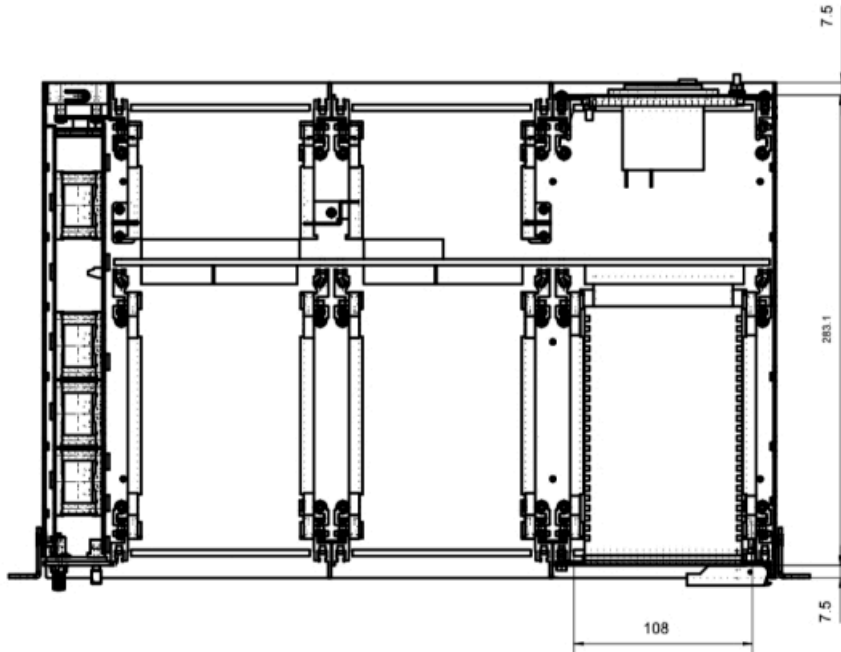
› Protection Features

- › 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



- 1U 84 HP 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, 4 Slot, system slot left 64Bit/ 33 MHz, VIO = 5V, with rear I/O, with P47 power supply connector
- CompactPCI power supply unit 300 W with, wide range input 90 –264 VAC, Output (3.3 V / 40 A, 5 V / 40 A, 12 V / 5 A, –12 V / 2 A), With PFC, with P47 connector, incl. 8 HP / 3 U front panel
- Removable fan tray with 3 DC fans, 80 x 80 x 25 mm, 36.4 CFM, 29 dB(A), with LED indicator for the DC fans, replaceable filters
- (class G1) included
- Air flow from left to right
- Power entry module with switch, fuse and filter on the rear side
- Completely assembled and wired
- Other configurations on request

Technical Information

Mounting	19" rack-mount
Backplane	4 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	3, 36.4CFM/29dB(A)
Airflow	Left to right
Power Supply Type	300W cPCI, hot swap
Power Input	90 – 264VC / 47-63Hz
No. Of Supplies	1
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	2U
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)