

LMH0000491

cPCI 1U/ 84HP 3 Slots

Made
in
Germany



Backplane

9U monolithic (3U power, CPCI 3U 3 Slot,) with rear I/O, 5V I/O,

Fan

Removable fan tray, with LED's for power / fanfail 4, 13.1 CFM/42.5dB(A)

Power Supply

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

Size

Height:1U
Width: 84HP
Depth: 283.1mm

CompactPCI 3U 84HP 8 Slots

Kontron Hartmann Wiener CompactPCI 1U system platform provides an intelligent, practical packaging solution for high-performance processors. The full width rack mount model provides a 3 slot 5V I/O 3U cPCI backplane for horizontal mounting of boards. This system is designed with enhanced EMC features.

Rugged yet stylish chassis conforms to mechanical standards IEEE 1101.1 and 1101.10/11 and IEC 60297-3-101, -102, -103. Hot swap fan tray with filter. Temperature sensors incorporated on the backplane active the quiet axial fans for proper air flow through the chassis.

› **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

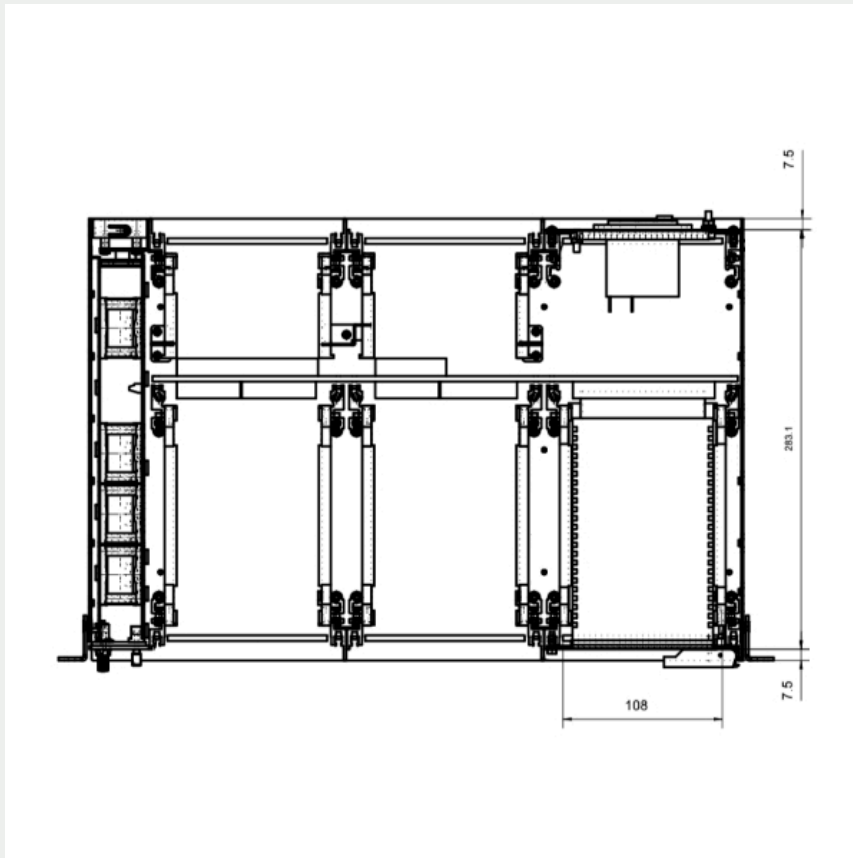
› **Protection Features**

- › 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, 3+3+3 U, 3 Slot, system slot left 32Bit/ 33 MHz, VIO = 5V, with rear I/O, with P47 power supply connector CompactPCI power supply unit 250 W with, wide range input 90 –264 VAC, Output (3.3 V / 25 A, 5 V / 25 A, 12 V / 5 A, –12 V / 1 A), efficiency: typ. 78% at 230VAC, with P47 connector, incl. 3U / 8HP front panel
- Removable fan tray with 4 DC fans, 40 x 40 x 28 mm, 11.3 CFM, 37 dB(A), with LED indicator for the DC fans
- 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	9U monolithic (3U power, CPCI 3U 3 Slot,) with rear I/O, 5V I/O, 3U: 32 bit/33 MHz , System slot left with 1x P47 connector
Fan Tray	Removable fan tray, with LED's for power / fanfail
no. Of Fans	4, 13.1 CFM/42.5dB(A)
Airflow	Left to right
Power Supply Type	250W cPCI, hot swap
Power Input	90 – 264VC / 47-63Hz
No. Of Supplies	1
Output Voltages	3.3V/25A, 5V/25A, +12V/5A, -12V/1A (Total max 250W)
Power Supply Connector	Included with switch, fuse and filter
Chassis Height	1U
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)