

LMH0000880

cPCI 4U/ 50HP 8 Slots

Made
in
Germany

10
Years
Availability



Backplane

8 Slot, 3U 5V I/O,
32 bit/33 Mhz with
rear I/O, System
slot right with P47
connector

Fan

1 U removable,
No. 2 (12V,
92mm), Airflow:
Bottom to top

Power Supply

Type:300W cPCI,
Input: 90-264Vac,
Connector: Inclu-
ded with switch,
fuse and filter

Size

Height:4U
Width:50 HP
Depth:283.1mm

CompactPCI 4U 50HP 8 Slots

The Kontron Hartman Wiener CompactPCI 4U system platform provides an intelligent, practical packaging solution for high-performance processors. This versatile rack mount model provides an 8 slot 5V I/O 3U cPCI backplane for vertical mounting of boards.

System is designed with enhanced EMC features. Bottom mount fan tray. Rugged yet stylish chassis conforms to mechanical standards IEEE 1101.1 and 1101.10/11 and 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 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

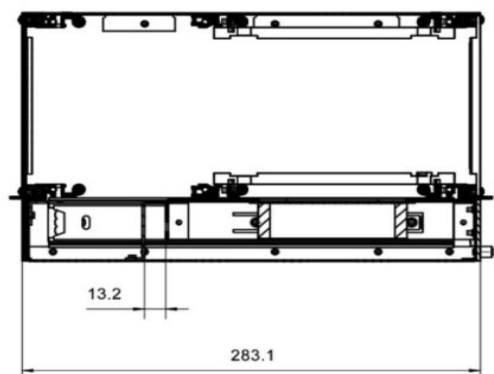
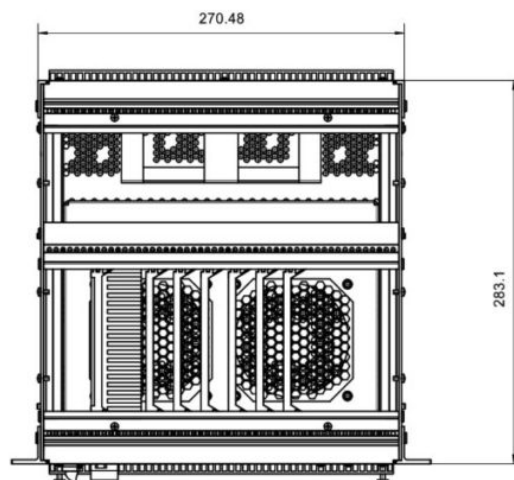
Key Features

- 4U (1+3) 50 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, 3U, 8 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(3.3V/ 25A, 5V/25A, 12V/7A, -12 V/2A), efficiency:Typ. 85% at 230VAC, with P47 Connector, incl. 3U/8HP front panel
- Cooled by 2x+12V DC fans 92mm, air flow from bottom to top
- Completely assembled and wired
- Other configurations on request
- Dimensions

B:270.5mm

H:177.0mm

D:283.1mm



Mounting	Rack-mount	
Backplane	8 slot, 3U 5V I/O, System slot right with P47 connector	
Fan Tray	1U removable	
no. Of Fans	2 (12V, 92mm)	
Airflow	Bottom to top	
Power Supply Type	300W cPCI	
Power Input	90-264Vac	
No. Of Supplies	1	
Output Voltages	3.3V/40A, 5V/40A, +12V/10A, -12V/2A	
Power Supply Connector	Included with switch, fuse and filter	
Chassis Height	4U	
Chassis Width	50HP	
Chassis Depth	283.1mm	
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)	