

cPCI 4U/ 32HP 4 Slots

Made
in
Germany



Backplane

4 Slot, 3U, 3.3V or 5V I/O, 32bit/33 Mhz, system slot right with ATX connector

Fan

Fixed, 1 no.(12V, 120mm, 120CFM, 48dB(A), Airflow: Bottom to top

Power Supply

Type: 180W ATX
Connector: Front side with switch

Size

Chassis 4U 32 HP

CompactPCI 4U 32HP 4 Slots

The Hartmann CompactPCI 4U system platform provides an intelligent, practical packaging solution for high-performance processors. The versatile rack mount or desktop model provides a 4 slot 3.3 or 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**

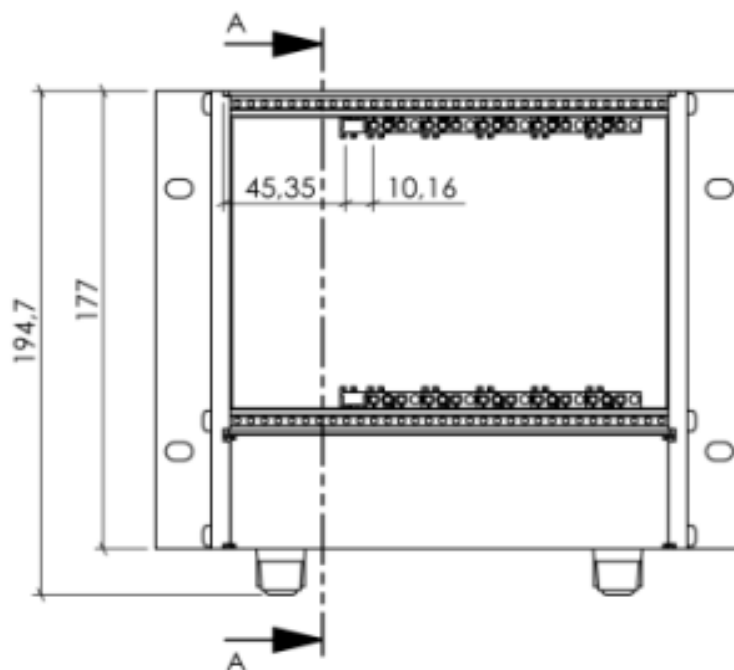
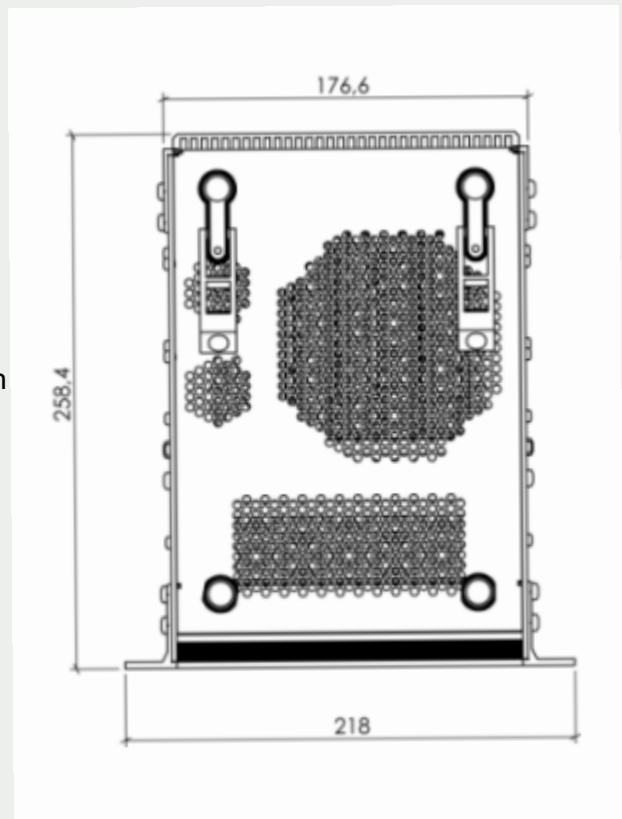
- › Enhanced EMC design for minimized interference
- › Proper grounding ensured by extended connector pins during insertion and removal

› **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) 32 HP CompactPCI Chassis Platform
- Card rack acc. To IEEE 1101.1, 1101.10/11 and IEC 60297-3-101, -102, -103, Aluminium, for Wall assembly
- CompactPCI backplane: 3U, 4 slots, 32-bit/33 Mhz, V(I/O)=5V, System, slot on right side, with ATX connector
- Dimensions:
B:176.6mm,
H:177.0mm,
D:254.4mm



Article	Ordering Code	Description
CompactPCI 4U 32HP 4 Slots	LMH0000113	CompactPCI 4U 32HP 4 Slots-with 5V V/I/O backplane
CompactPCI 4U 32HP 4Slots	LMH0000970	CompactPCI 4U 32HP 4Slots-with 3.3V V/I/O backplane

Technical Information

Mounting	Panel-Mount	
Backplane	4 slot, 3U, 3.3V or 5V I/O, 32 bit/33 MHz, system slot right with ATX connector	
Fan Tray	fixed	
no. Of Fans	1, (12V, 120mm, 120CFM, 48dB(A))	
Airflow	Bottom to top	
Power Supply Type	180W ATX	
Power Input	100 - 240VAC, 47-63Hz	
No. Of Supplies	1	
Output Voltages	3.3V112A, 5vV114A, +12V114A, -12V10.3A, minimum load: 12V/0.1A	
Power Supply Connector	Front side with switch	
Chassis Height	4U	
Chassis Width	32HP	
Chassis Depth	254.4mm	
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	
Railway	EN 50155-EN 1373 class 1 B, rolling stock (shock/vibration)	