

0701-0095

19" Rackmount Enclosure, 8 slot, 3U Cards Vertical CompactPCI Enclosure

- » 19" rack-mount
- » IEEE 1101.10/11 compliance
- » 4U / 84 HP system (incl. 1U fan tray)
- » CompactPCI® PlusIO system slot right
- » 7 CompactPCI® peripheral slots to the left
- » V-IO voltage 3.3V / 5V selectable by jumper
- » Dual 6 HP power supply slot with H.15 connector
- » Optional slim type Optical Disk Driver



This compact 4U rack-mount enclosure is a basic system that allows configuration with both CompactPCI® PlusIO system and CompactPCI® cards. The unit comprises an 1U fan tray with a low-noise fan at the bottom.

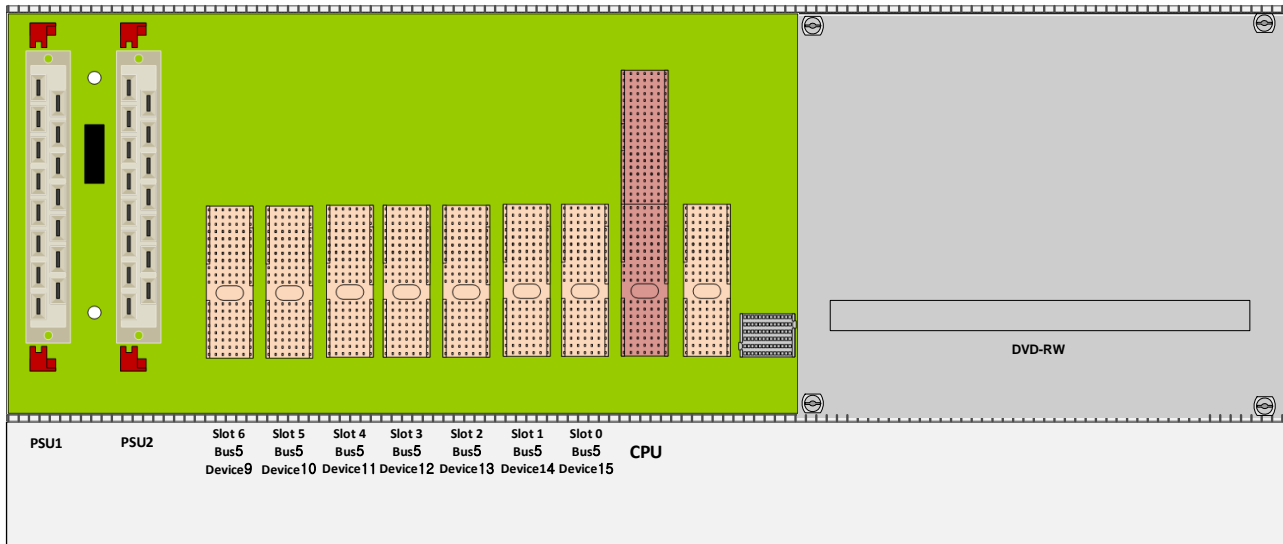
The CompactPCI® PlusIO system slot is the third slot from the right. Either a standard CompactPCI® 2.0 or a PICMG 2.30 CompactPCI® PlusIO CPU board can be used in this slot.

This system slot is designed for use with the MEN system-slot SBCs.

The seven remaining slots on the CompactPCI® bus can be used to install additional I/O functions.

This system offers two 6 HP spaces on the left for pluggable 19" power supplies with an H.15 connector. Optionally, on the right-hand side, a slim type Optical Disk Driver can be installed.

The system meets EMC requirements, making it a perfect choice for embedded applications in rough environments.



General System Characteristics

- Compliance with IEC 60297-3, IEEE 1101.10
- 8 slots for 3U Eurocard boards
- 2 slots for 3U 6HP PSU
- Additional space right of the system slot for a side card connected to the CPU board

Mechanical Specifications

- 19" rack-mount standard and bottom mounting possible
- 3U card vertical and 1U fan tray
- Dimensions: WxHxD 435.8 x 177.00 x 241.25 mm
- Weight: 5.4kg

Backplane Structure

- 1 x CompactPCI® PlusIO system slot
- 7 x CompactPCI® peripheral slots
- 2 x H.15 Power Supply slots
- V-IO voltage 3.3V / 5V DC selectable by Jumper

Power Supply

- PSU not included
- 2 x 3U 6HP slot with H.15 power connector
- Power input at the back at the bottom of the system
- 2 x Power Supply Connectors Phoenix COMBICON 3 pin (Phoenix Contact "DFK-MSTB 2.5/ 3-GF-5.08")

Mounting

- 19" Rack mounting or Bottom mounting possible

Environmental Specifications

- Temperature range (operation): 0...+50°C
- Temperature range (storage): -20...+70°C
- Relative humidity (operation): max. 90% non-condensing
- Relative humidity (storage): max. 90% non-condensing

EMC

- Radiated Emission: EN 55022:2010 EN 55024:2010
- Conducted Emission: EN 55024:2010 / EN 61000-4-2 level 4 (15kV Air + 8kV conducted)

Safety

- PCB manufactured with a flammability rating of 94V-0 by UL recognized manufacturers

Electrical Safety

- EN 60950-1:2006
- EN 62368-1:2014

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