

CPCI Rack – 6 Slots Double Euro

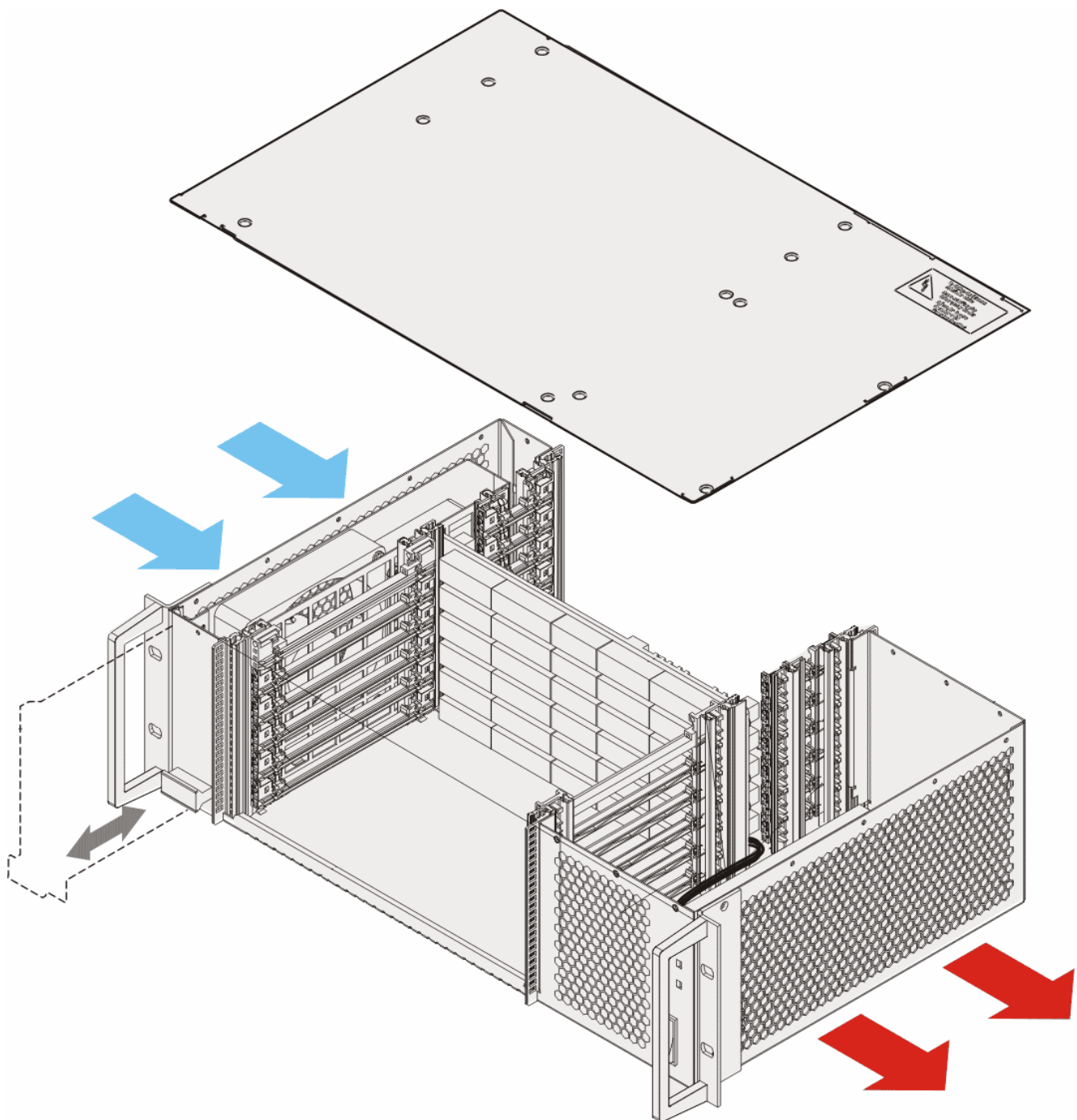
- **19" rack-mountable**
- **IEEE 1101.10/11 compliance**
- **3U / 84 HP system**
- **6U cards horizontal**
- **6-slot 64-bit 6U backplane**
- **System slot left (bottom)**
- **Prepared for rear I/O**
- **250 W ATX PSU**
- **For MEN 6U SBCs**



This rugged 19" rack-mount CompactPCI® enclosure is very compact in terms of overall size and depth, with six horizontal slots for double-size Eurocards. Its 6U backplane supports a 64-bit/66-MHz CompactPCI® bus, with the system slot to the left (i.e. at the bottom if viewed from the front).

The 250W ATX power supply has a 100 to 240V wide-range input. The enclosure gives just the flexibility required to set up a universal embedded solution, e.g. with a Pentium® or PowerPC® based single-board computer and several mezzanine carrier boards for I/O extension. The enclosure can also be used together with rear I/O cards. Ask us for completely configured, wired and tested standard systems. Ask us for individually configured custom systems.

Diagram



Technical Data

General System Characteristics	■ Compliance with IEC 60 297-3-101, -102, -103, IEEE 1101.10, IEEE 1101.10/11 ■ 6 slots for 6U Eurocard boards ■ 6 slots for 6U rear I/O 80mm I/O boards ■ Hot swap ventilation unit
Mechanical Specifications	■ 19" rack-mount standard, black ■ 6U card horizontal ■ Dimensions: 3U, 84HP, 275mm depth ■ Weight: tbd.
Chassis	■ Rear I/O bay for 6 horizontal rear I/O boards, 6U, 80 mm depth
CompactPCI® Backplane	■ Compliance with CompactPCI® Spec. 2.0 Rev. 3.0 and IEC 61 076-4-101 (connectors) ■ 6-slot ■ 6U with rear I/O on J3/J4/J5 ■ System slot on the left (bottom) ■ V(I/O): +3.3V
Power Supply	■ Power supply unit □ ATX PSU 250W with wide range input and IEC receptacle □ 100V..240V AC □ 50/60Hz □ Four voltages: 3.3V/14A, 5V/20A, 12V/16A, -12V/0.8 A ■ Power connector at back-panel ■ Power-on switch incl. LED at front panel
Environmental Specifications	■ Temperature range (operation): □ 0..+45°C □ Extended temperature range on request □ Airflow: min. 10m³/h ■ Temperature range (storage): -40..+85°C ■ Relative humidity (operation): max. 95% non-condensing ■ Relative humidity (storage): max. 95% non-condensing ■ Altitude: -300m to + 3,000m ■ Shock: 15g/11ms ■ Bump: 10g/16ms ■ Vibration (sinusoidal): 2g/10..150Hz
EMC	■ Tested according to EN 55022 (radio disturbance), EN 61000-6-2 and EN 60950
Suited for MEN Boards...	■ D9

Ordering Information

Standard CPCI Rack Models	MEN delivers turn-key systems completely installed (hardware, operating system, accessories), wired and tested. Different rack sizes, power supplies and backplanes on request. For details please contact your local sales representative.	
	0701-0030	CompactPCI® 19" 3U/84HP rack-mount enclosure for 6U cards (horizontal), 6-slot backplane, system slot left (bottom), 250W ATX wide-range PSU, 2 fans, prepared for rear I/O
Miscellaneous Accessories	0714-0004	Cooling baffle for 6U, 4HP 160mm deep
	0714-0008	Filler panel 6U/4HP, IEEE1101, textile gasket

Contact Information

Germany

MEN Mikro Elektronik GmbH
Neuwieder Straße 3-7
90411 Nuremberg
Phone +49-911-99 33 5-0
Fax +49-911-99 33 5-901

info@men.de
www.men.de

France

MEN Mikro Elektronik SA
18, rue René Cassin
ZA de la Châtelaine
74240 Gaillard
Phone +33 (0) 450-955-312
Fax +33 (0) 450-955-211

info@men-france.fr
www.men-france.fr

USA

MEN Micro, Inc.
24 North Main Street
Ambler, PA 19002
Phone (215) 542-9575
Fax (215) 542-9577

sales@menmicro.com
www.menmicro.com

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