SYSTEM

Product Information

SRS-1201-BLUBRICK®

CompactPCI® Serial • Rugged Wall-Mount Box

System Platform for Railway, Automotive, Industrial Applications

*The **SRS-1201-BLUBRICK®** is an embedded rugged system platform for a wide range of applications. The modular concept is based on CompactPCI® Serial, a well-established industrial standard for IEEE 100x1600mm² size CPU- and I/O-boards. The SRS-1201-BLUBRICK® comprises a 3-slot backplane and a DC power supply suitable for either automotive and industrial or railway usage.*

The SRS-1201-BLUBRICK® is available either as basic enclosure, equipped w. backplane and PSU, or turn-key ready configured with a CompactPCI® Serial CPU card and up to two I/O or SSD mass storage boards. The rugged box of extruded aluminium is provided with a mounting plate and available either for conductive cooling, or equipped with one or two fans for forced airflow.

SRS-1201-BLUBRICK® (Shown w. Sample CompactPCI® Serial Cards)

Feature Summary

General

- Rugged enclosure for up to three CompactPCI® Serial bords (3 x 4HP)
- Dimensions profile 260 x 73 x 150.5 mm^3
- Dimensions mounting flange 260 x 190.5 mm^2
- 4 x Mounting holes 7 x 5.5 mm, 229mm x 170.5 mm
- Any mounting position allowed
- DC power supply for railway, automotive or industrial application with wide input range

Card Slots

- PICMG® CompactPCI® Serial backplane based on PCI Express®
- Suitable for 3 x CompactPCI® Serial cards 3U/4HP, IEEE card guide rails
- 1 x CompactPCI® Serial system slot (CPU card)
- 2 x CompactPCI® Serial peripheral slots (I/O and mass storage cards)
- Option 1 x system slot (8HP CPU card) + 1 x peripheral slot

Power Supply

- Option railway: 14 to 154 VDC, Pmax=50W, EN50155, EN45545-2 (for complete system)
- Option automotive/industrial: 10 - 36 VDC, Pmax=70W
- M12 Connector for DC input (rear mount)
- Other input voltages AC/DC on request

Cooling

- Method depending on calculated power consumption CPU card + peripheral cards
- Passive conductive cooling for low power CPU cards (heatsink on top of the enclosure)
- Option forced airflow with one or two fans

Feature Summary

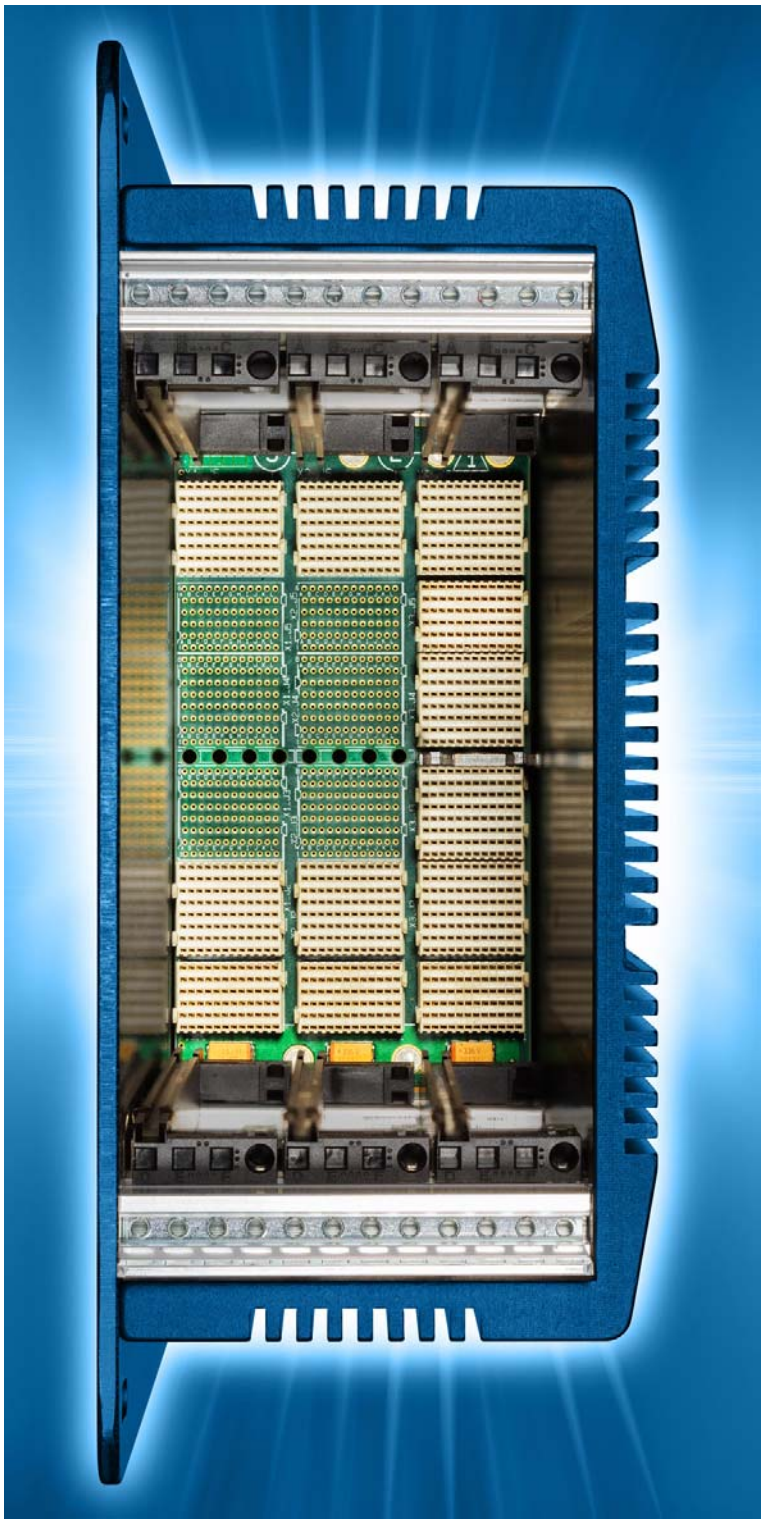
Applications

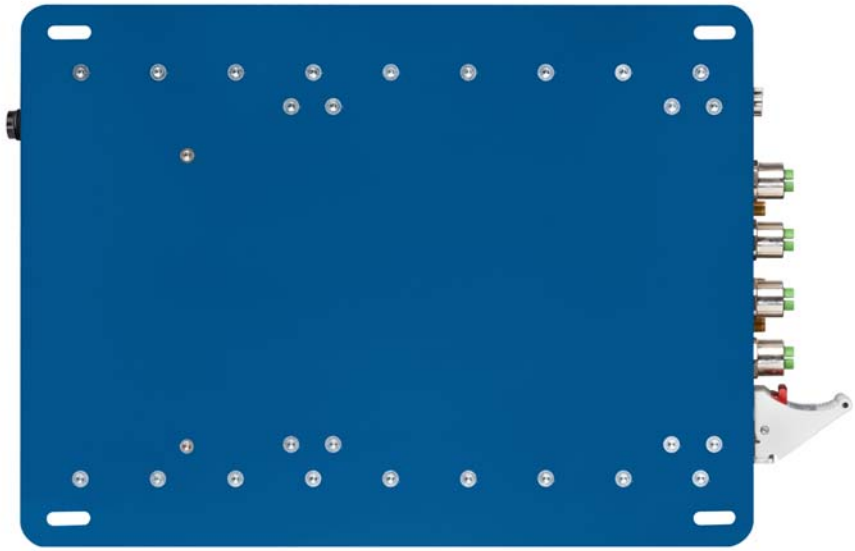
- Industrial computing (IoT), edge/fog
- Router, gateway, networking, data acquisition and acceleration, kiosk systems
- Automotive e.g. experimental autonomous cars, infotainment
- Railway applications (EN50155), e.g. alarm server

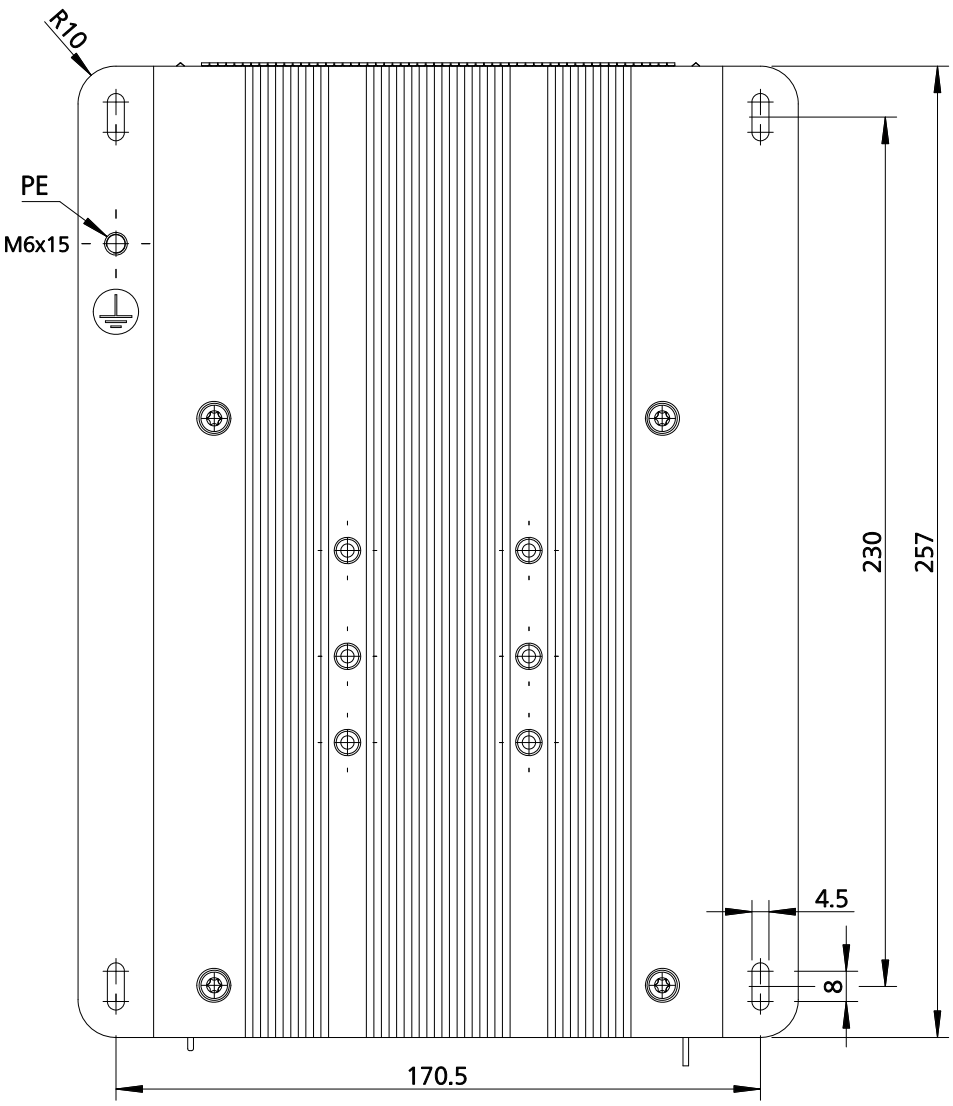
Regulatory

- Designed & manufactured in Germany
- ISO 9001 certified quality management
- Long term availability
- Rugged solution
- RoHS compliant

items are subject to changes w/o further notice






R10
PE
M6x15
230
257
4.5
8
170.5

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