

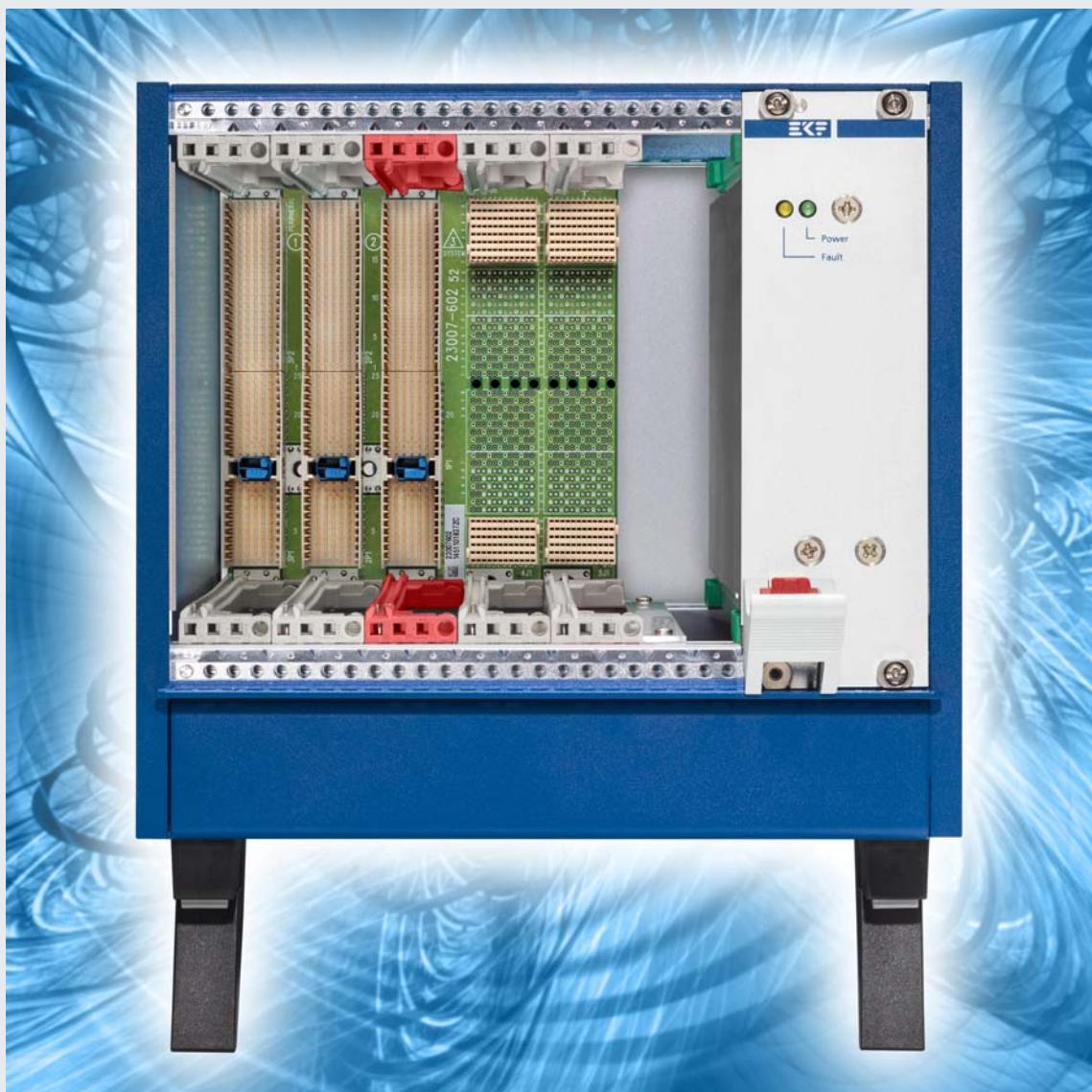


Product Information

SRP-3201-BLUBOXX

CompactPCI® PlusIO • Small System Racks

Document No. 8490 • 13 June 2017



Rugged, versatile, economic - the SRP-3201-BLUBOXX series of miniature CompactPCI® PlusIO IPC systems from EKF is suitable for all industrial requirements, even under harsh conditions. The small rack is built of high-quality 19-inch components. With its low dimensions of only 172mm x 168mm x 208mm (4U/32HP), the SRP-BLUBOXX provides space for up to five CompactPCI® boards. The system slot in the middle of the hybrid backplane complies with the CompactPCI® PlusIO specification. A suitable CPU Card such as the PC4-PRESTO controls two slots for CompactPCI® classic 32-bit cards to the left, and another two CompactPCI® Serial slots on the right side.

CompactPCI® PlusIO (PICMG® 2.30) is an enhancement over CompactPCI® classic with respect to the system slot backplane connector J2, which provides high speed serial I/O, to be combined with modern CompactPCI® Serial peripheral cards across a hybrid backplane.

CompactPCI® Serial (CPCI-S.0) is a PICMG® open standard for modular industrial computers, which is based on PCI Express®, SATA, USB, and Gigabit Ethernet over the backplane.

The BLUBOXX systems include a bottom mount fan unit and an industrial grade removable power supply.



Feature Summary

- ▶ Dimensions approx. 172mm x 168mm x 208mm (W x H x D) including fan unit (w/o tips)
- ▶ 4U/32HP 19-inch technology
- ▶ Removable tip up feet

- ▶ CompactPCI® PlusIO and CompactPCI® Serial hybrid backplane, 2+1+2 card slots
- ▶ System Slot (CPU Card) according to PICMG® CompactPCI® 2.30 PlusIO
- ▶ 2 x PICMG® CompactPCI® classic 32-bit peripheral card backplane slots
- ▶ 2 x PICMG® CompactPCI® Serial (CPCI-S.0) peripheral card backplane slots

- ▶ Removable power supply 150W, wide AC input voltage range 90V - 264V
- ▶ Removable DC power supply 9V - 36V optional
- ▶ Bottom mount fan unit Pabst 120mm 12V 1.25W 94m³/h
- ▶ M12 F/P power connector (option), S-coded (AC) or T-coded (DC)

- ▶ Suitable CompactPCI® PlusIO CPU cards available e.g. PC3-ALLEGRO, PC4-PRESTO
- ▶ Low Power CompactPCI® PlusIO CPU cards available e.g. PC2-LIMBO, PC6-TANGO
- ▶ Variety of CompactPCI® Serial and CompactPCI® classic peripheral cards available

- ▶ Designed & manufactured in Germany
- ▶ ISO 9001 certified quality management
- ▶ Long term availability
- ▶ Rugged solution
- ▶ RoHS compliant
- ▶ Custom specific versions on request





M12 Power Connector S-Coded (AC)



M12 Power Connector T-Coded (DC)

SRP-BLUBOXX Links

SRP-BLUBOXX Home	www.ekf.com/s/srp/srp3201/srp3201.html
CompactPCI® PlusIO CPU Cards	www.ekf.com/p/plus.html
CompactPCI® Serial Boards	www.ekf.com/s/serial.html
CompactPCI® Serial Overview	www.ekf.com/s/smart_solution.pdf

Ordering Information

For popular SRP-BLUBOXX SKUs please refer to

www.ekf.com/liste/liste_21.html#SRP



CompactPCI® PlusIO CPU Card

Industrial Computers Made in Germany
boards. systems. solutions.

Beyond All Limits:
EKF High Performance Embedded

EKF Elektronik GmbH
Philipp-Reis-Str. 4 (Haus 1)
Lilienthalstr. 2 (Haus 2)
59065 HAMM
Germany



Phone +49 (0)2381/6890-0
Fax +49 (0)2381/6890-90
Internet www.ekf.com
E-Mail sales@ekf.com