



Product Information

SRP-3202-BLUBOXX

*CompactPCI<sup>®</sup> PlusIO* • Small System Racks

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*Rugged, versatile, economic - the SRP-3202-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 on the left side of the hybrid backplane complies with the CompactPCI® PlusIO specification. A suitable CPU Card such as the PC4-PRESTO or PC6-TANGO controls four CompactPCI® Serial slots to 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, 1+4 card slots
- ▶ System Slot (CPU Card) according to PICMG® CompactPCI® 2.30 PlusIO
- ▶ 4 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 94m<sup>3</sup>/h
  
- ▶ 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 peripheral cards available
  
- ▶ Designed & manufactured in Germany
- ▶ ISO 9001 certified quality management
- ▶ Long term availability
- ▶ Rugged solution
- ▶ RoHS compliant
- ▶ Custom specific versions on request





SRP-BLUBOXX Links	
SRP-BLUBOXX Home	<a href="http://www.ekf.com/s/srp/srp3202/srp3202.html">www.ekf.com/s/srp/srp3202/srp3202.html</a>
CompactPCI® PlusIO CPU Cards	<a href="http://www.ekf.com/p/plus.html">www.ekf.com/p/plus.html</a>
CompactPCI® Serial Boards	<a href="http://www.ekf.com/s/serial.html">www.ekf.com/s/serial.html</a>
CompactPCI® Serial Overview	<a href="http://www.ekf.com/s/smart_solution.pdf">www.ekf.com/s/smart_solution.pdf</a>

### Ordering Information

For popular SRP-BLUBOXX SKUs please refer to  
[www.ekf.com/liste/liste\\_21.html#SRP](http://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)  
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