



Product Information

SRS-8423-SERIAL

CompactPCI® Serial • 19-Inch System Rack
System Slot Right Aligned

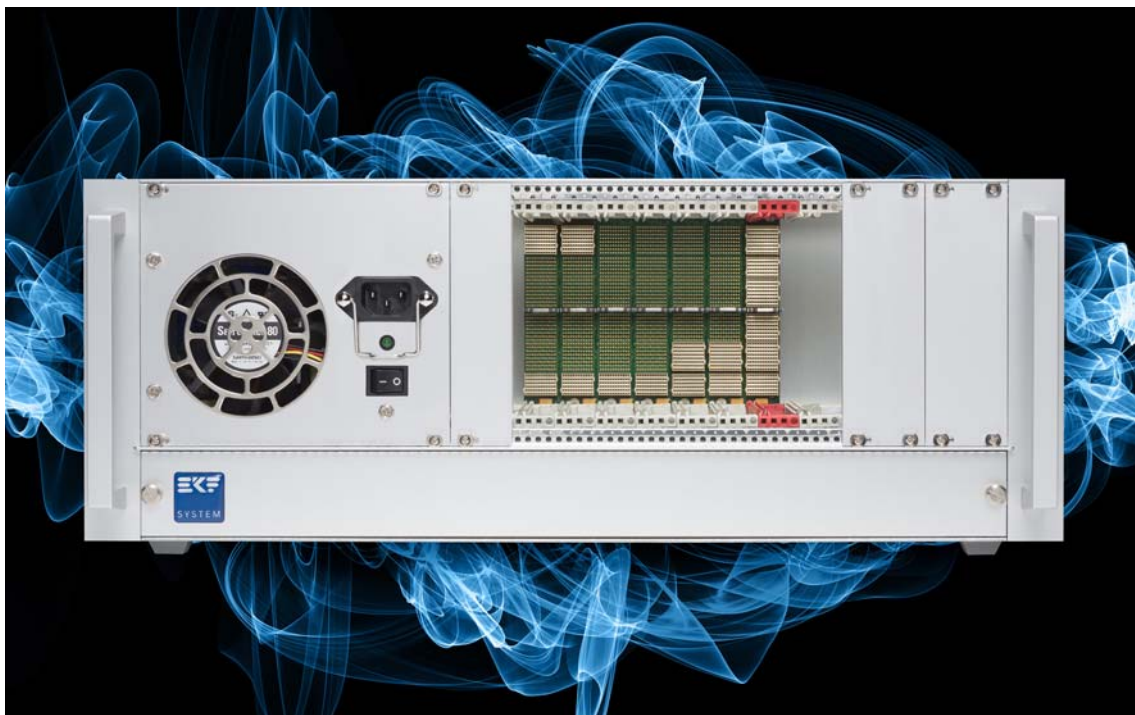
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SRS-8423-SERIAL

The **SRS-8423-SERIAL** is a 19-inch (4U/84HP) CompactPCI® Serial system rack, suitable for industrial requirements. The chassis provides space for up to seven CompactPCI® Serial boards (single size Eurocard style). The SRS-8423-SERIAL is equipped with a bottom mount drawer fan unit, and an industrial grade power supply. The right aligned system slot can accommodate a 4HP front panel width CPU board, or 8/12HP assembly unit (CPU w. mezzanine side card).

CompactPCI® Serial (CPCI-S.0) is a PICMG® open standard for modular industrial computers, which provides high speed serial I/O (PCI Express®, SATA, USB, Gigabit Ethernet) over the backplane. The SRS-8423-SERIAL rack is equipped with a 6+1 slot CompactPCI® Serial backplane, and is well suited e.g. for the SC3-LARGO CPU card with SCS-TRUMPET side board assembly, which requires 8HP front panel width in total, or even 12HP with additional front I/O (C32-FIO).



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Feature Summary

- ▶ Dimensions 482.6mm x 177mm x 282mm (W x H x D) including fan drawer
- ▶ 4U/84HP 19-inch technology
- ▶ PICMG® CompactPCI® Serial (CPCI-S.0) backplane
- ▶ System slot right aligned
- ▶ Suitable for up to 7 CompactPCI® Serial cards 3U/4HP
- ▶ System slot for 4HP to 12HP F/P width assembly (CPU board & mezzanine side card)
- ▶ 2 x Fat pipe peripheral slots (J1 & J2) adjacent to system slot
- ▶ 4 x Standard peripheral slots (J1), two of them w. Ethernet (J6)
- ▶ 2 x Peripheral slots with J6 backplane connector aligned most left (CPCI-S.0 Gigabit Ethernet Single Star Architecture)
- ▶ Industrial grade power supply 12V/22A
- ▶ Bottom mount fan unit, 2 x 120mm Pabst ball bearing 12V 2.6W 137m³/h
- ▶ Designed & manufactured in Germany
- ▶ ISO 9001 certified quality management
- ▶ Long term availability
- ▶ Rugged solution
- ▶ RoHS compliant
- ▶ Custom specific versions on request



Sample 8HP CPU Assembly



SRS-8423-SERIAL • Sample Application

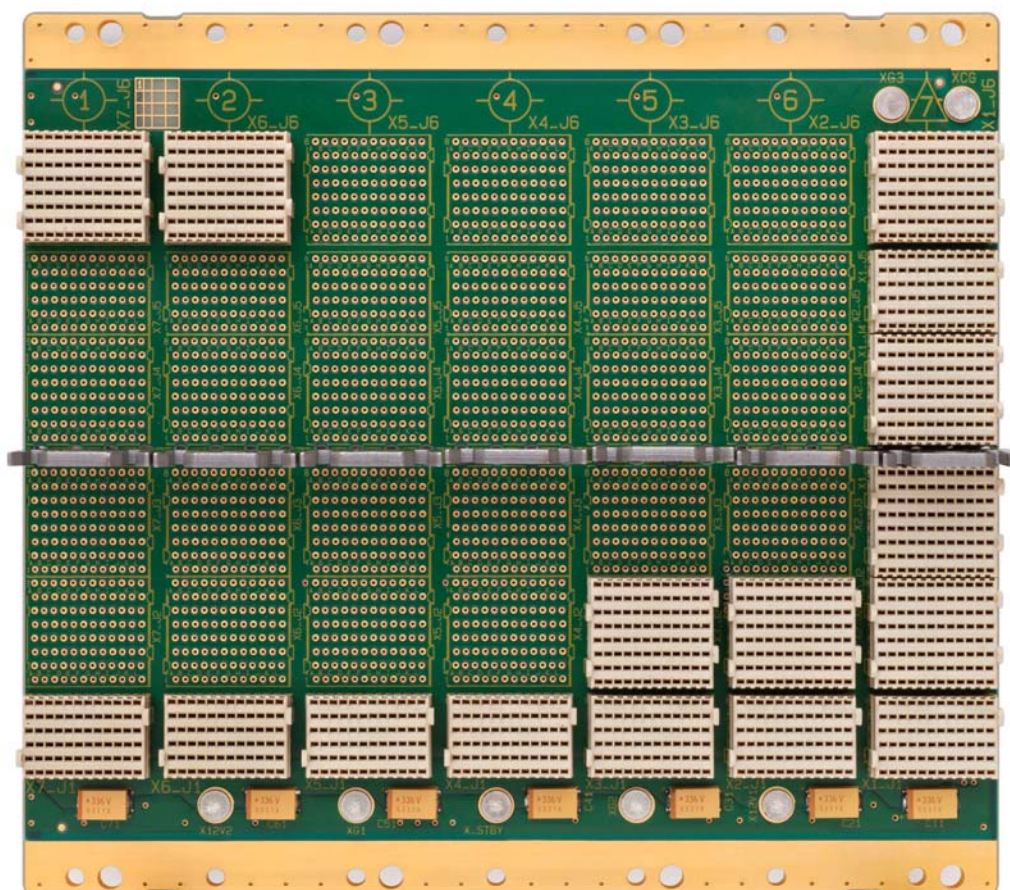


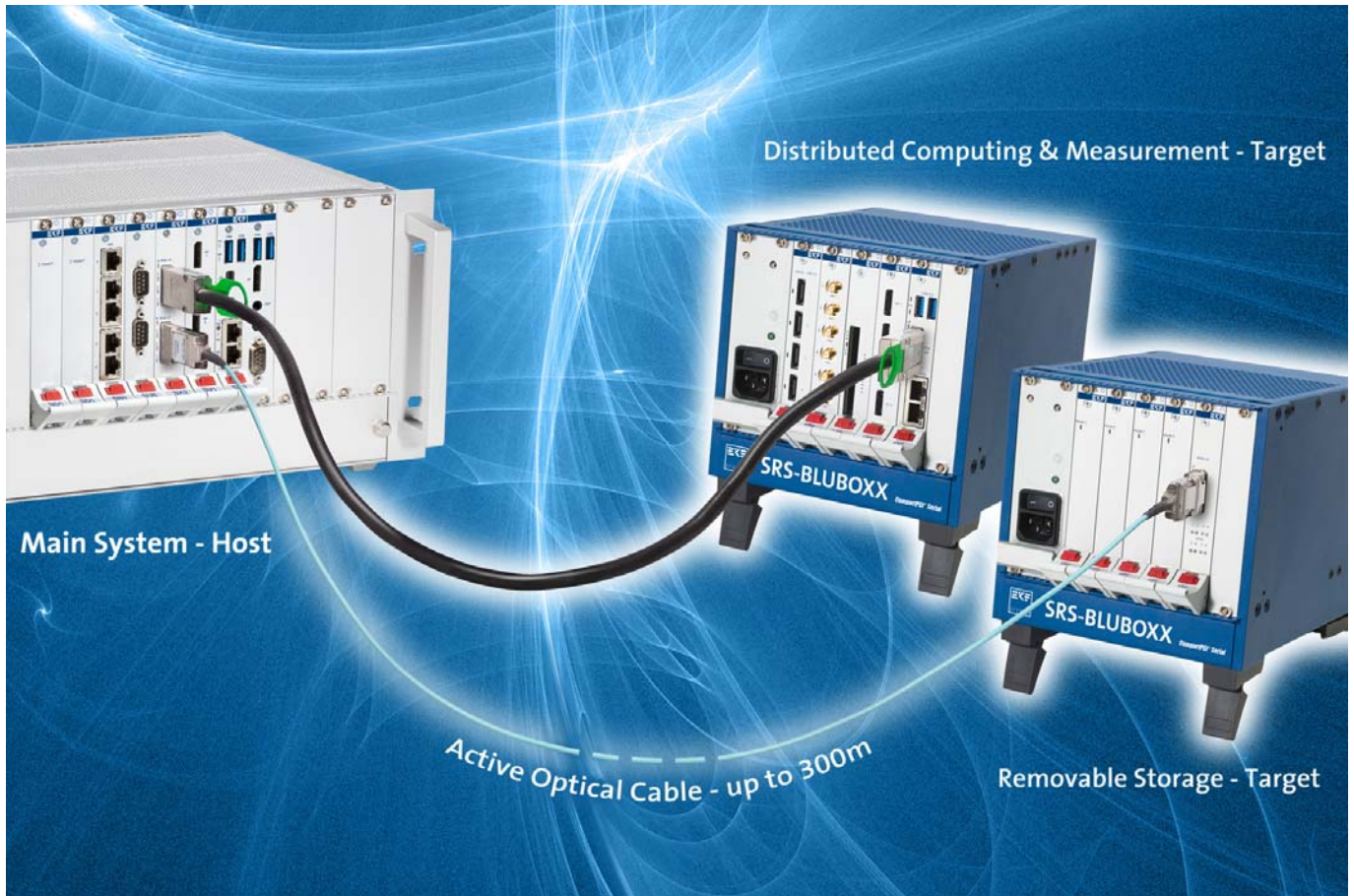
SRS-8423-SERIAL • Sample Application

SRS-8423 Links	
SRS-8423 Home	www.ekf.com/s/srs/srs8423/srs8423.html
CompactPCI® Serial Boards	www.ekf.com/s/serial.html
CompactPCI® Serial Overview	www.ekf.com/s/smart_solution.pdf

Ordering Information

For popular SRS-SERIAL SKUs please refer to
www.ekf.com/liste/liste_21.html#SRS





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