

Extension of the CPCPI Serial Product Family

NEW TECHNOLOGIES, UPDATED SPECIFICATIONS

In mid-2014, PICMG published the CompactPCI Serial Specification. As a pioneer in the development of modular systems and sub-assemblies, nVent has taken this opportunity

to adapt the complete nVent SCHROFF CompactPCI serial systems to reflect changes to the specification, and to extend the product family.



MODULARITY AND SCALABILITY

This modular design makes the SCHROFF CompactPCI Serial System scalable. The system can be easily configured and therefore be adapted to the individual needs of its users.



REDUNDANT POWER SUPPLY

The systems can be equipped with AC or DC power units. These are available as pluggable or open frame units. The power input is placed at the rear of the chassis. The system is designed to manage two power units in order to achieve redundant power supply.



RELIABLE COOLING

High air flow from bottom to top assures proper cooling for your application. For maintenance purposes, the removable fan tray can be replaced during operation due to the hot-swap function.

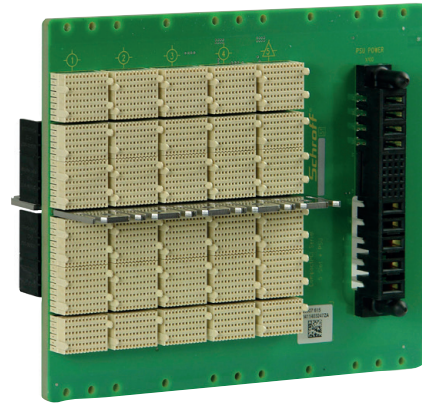
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TECHNICAL PROPERTIES

- CompactPCI Serial System in accordance with specification CPCI-S.0 Rev. 2.0
- Supports PCIe to Gen. 3, 10G Base-T, USB2.0 and 3.0, SATA Rev. 3.0
- 3 + 1 HE with cooling from bottom to top and with removable fan tray
- Power input socket on back of device
- EMC-shielded

CONFIGURATION OPTIONS

- One or two power supply units, as rack-mounted or open frame power units
- AC or DC power unit with wide-range input
- SCHROFF CPCI-S backplanes, with or without Rear I/O (combination of several backplanes is possible)
- Fan control monitor with LED display indicates fan status, optionally with air filter (if needed with UL approval)
- Mounted telescopic rails (optional)
- Backplane (SSL or SSR) with Star or Full-Mesh topology (can be interconnected)



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