HEITEC
engineering solutions

PACKAGING AND SYSTEM TECHNOLOGY

CompactPCI® SERIAL 5 SLOT PRODUCT

Based on the proven 19" standard and due to its modularity and stability, the CompactPCI® Serial architecture is ideally suited to serve as enclosure and system platform for industrial applications and provides customers a multitude of technological options.

The 5 slot CompactPCI® Serial platform is a 42 HP and 4 U tabletop case for 3 U modules which can be equipped with different types of power supplies – from an low-cost and simple 300 Watt standard ATX power supply solution up to custom 300 Watt CompactPCI® Serial parallel pluggable power supplies for added redundancy. For optimized thermal management and most effective airflow from the front bottom to the rear top, the housing is equipped with two radial fans.

The platform features a 5 slot CompactPCI® Serial native backplane with Ethernet Star topology and system slot at the right side to also enable the usage of double-wide (8 HP) CPU modules without abandoning one of the peripheral slots. In addition, the housing design supports backplanes with the systems slot on the left. The platform is based on the proven HeiPac Vario Module system series for which a wide range of additional components is available.

There is also the possibility of individual painting of the upper and lower parts (example above in HEITEC blue) in RAL colors, e.g. to adapt the platform to the corporate identity colors of the customer. The platform can be used as a tabletop as well as a rackmount version.

HeiPac VM-R CPCI-S

5 SLOT CompactPCI® SERIAL PLATFORM FOR 3 U MODULES

Article	Description	Height	Width	Depth	Material/Surface
9919.912	HeiPac VM-R CPCI-S	4 U	42 HP	250 mm	Extruded aluminum profile painted

Technical short description

› Desktop-/system case 250 mm deep

› Side panels of extruded aluminum profile painted in RAL 7035

› 4 U case with 3 U card cage

› Incl. power supply and 2 fans

› Codable card guide

› 5 slot CompactPCI® Serial backplane

› Ethernet Star topology
  Alternatively Ethernet Full Mesh option

› 2 Fat Pipes PCIexpress

› CompactPCI® Serial system slot on the right or left

› Customizable: project-specifically up to 8 slot CompactPCI® Serial or hybrid backplane can be integrated

› ATX 300 W Power supply 100 – 240 V

› Scalable: project-specific PSU solutions possible with up to 2 pluggable redundant CompactPCI® Serial power supplies

› Corresponds to IEC 60297-3-101, -102, -103 and IEEE 1101.1/10/11

› Completely mounted, prewired and tested

› EMC version

Customer Benefits

› Flexible and individually customizable due to modular components

› System slot on the right enables use of an 8HP CPU module without giving up one of the CompactPCI® Serial slots

› Variable amount of slots – project-related other backplanes can be also integrated cost-efficiently even at small quantities

› Efficient cooling system from front to back via 2 radial fans

› Wide range of accessories

› Well-designed case – also paintable to favorite colors