



### 19-inch System Platform for VPX and OpenVPX

The new HeiPac Vario-Modul VPX platform facilitates the entry into VPX and OpenVPX technology. Based on the proven 19" standard and thanks to full conformity to the VPX Baseline (ANSI/VITA46) and OpenVPX™ (ANSI/VITA65) standards, the platform is ideally suited for use in the most demanding environments.

The product shows a possible expansion variant from available standard components, the possibilities are almost unlimited and customer wishes/adaptations can be realised at any time. The system platform is suitable for a wide range of applications - e.g. as a modular calculation system or also as a complex redundantly operating control unit with transmission on the backplane.

The product is based on a 4 U high, 42 HP wide and 250 mm deep system housing for 3 U modules. It is equipped with a 250 Watt PSU and offers the possibility to use a variety of VPX and OpenVPX backplanes with slot widths from 0.8 (4 HP) to 1.0 inch (5 HP). Starting from a slot width of 1.0 inch, it can accommodate backplanes with a maximum of 6 slots. Of course, the platform can also be used to realise monolithic backplanes with correspon-

ding plug-in power supply units and variable outputs. Of course, customer requirements and wishes can also be implemented.

For optimum thermal management, the enclosure is designed for maximum air throughput and is effectively cooled from front to back by two powerful radial fans. The extensive range of accessories for the HeiPac Vario-Modul system enclosure family includes, among other things, specially developed VPX card guide rails, individually applicable air blocks for targeted bundling of the air flow and reinforced horizontal rails for increased insertion and extraction forces. The newly developed VPX card guides enable the use of the proven, high-quality HEITEC standard enclosure technology portfolio.

In addition, the top and bottom parts can be individually painted in RAL colours to adapt the appearance of the enclosure to corporate identity specifications. The platform can be used as a table-top or slide-in enclosure.

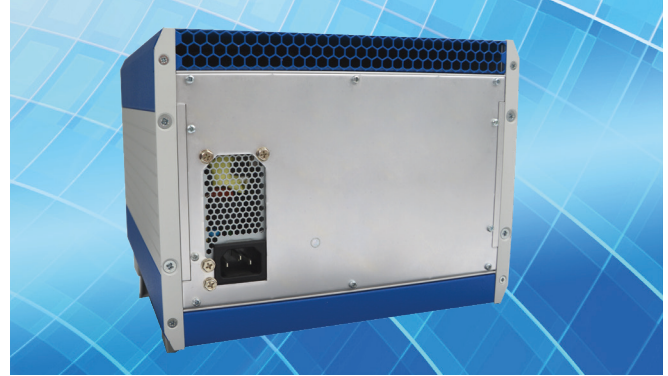
# HeiPac Vario Modul VPX 4U

4U VPX System Platform for 3U Modules

## System Plattform for VPX and OpenVPX Solutions



View of the inside of the system platform with VPX backplane and fan unit.



Here you can see the rear view of the system enclosure with the power interface.

Article	Description	Height	Width	Sidepanel depth	Surface
9919.933	HeiPac Vario-Modul VPX 4U	4U	42HP	250 mm	aluminium painted RAL 7035

## Technical Summary

- > Table/system housing 250 mm deep
- > Side panels extruded aluminium profile painted in RAL 7035
- > 4 U enclosure with 3 U card cage
- > Codeable VPX card guides
- > 6 slot VPX backplane
- > Powerful heat dissipation with two radial fans
- > Compliant with ANSI/VITA 46.0, 46.10, 48.0, 48.1, 65-2010 and 62.0
- > ATX 250 W power supply 100 - 240 V
- > Conforms to IEC 60297-3-101, -102, -103 and IEEE 1101.1/10/11
- > Completely assembled, pre-wired and tested incl. power supply and 2 fans
- > EMC version

## Customer Benefits

- > Efficient front-to-rear cooling system with 2 radial fans
- > ANSI VITA 46/65 compliant
- > Innovative HEITEC VPX board guides
- > Horizontal rails for maximum insertion/extraction forces
- > High volume of available standard components
- > Project-specific scalability of backplane, number of slots, PSU and card rails
- > Possibility of individual lacquering of top and bottom parts according to customer requirements
- > Platform can be used as a table-top or slide-in enclosure

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