

# VPX Microrack

VPX7283D3N series - 7U chassis for 6U VPX boards

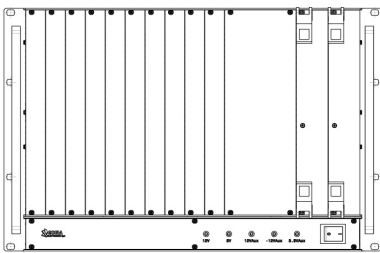


## Features

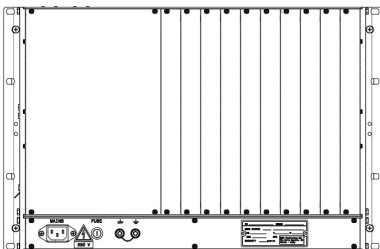
- ▶ Development platform for 6U convection cooled VPX boards, 9 slots
- ▶ Dual power supply front
- ▶ Suitable for TM 6U on the rear

## Layout

Front



Rear



## Mechanical specifications

VP-115\_en - Rev.1

Dimensions	7U 84TE 282.9 mm
Mounting	Rackmount 19"
Card cage	6U/160mm convection cooled VPX modules on the front Card guides for 6U RTM
Construction	2.5 mm aluminum
Surface	Surtech 650
Cooling	Bottom to top ventilation <ul style="list-style-type: none"><li>• Card slides</li><li>• EMC Filler panels</li><li>• Power button, IEC power inlet and fuse</li><li>• Led for voltages</li></ul>

## Backplane

Backplane VPX 6U, 9 slots, VITA65  
65C609-11213-10

## Power Supply

- 8HP 6U modular PSU  
power input: 100-240VAC, 400W min.
- 8HP 6U modular PSU  
power input: 36-72VDC, 400W min.

## Environmental specifications

Shock	15g/11ms
Vibrations	1.5g 5÷200Hz (3 sinusoidal axis)
Humidity	93% @ 40°C, non condensed (IEC 60068-2-78)
Protection (IEC 60529)	IP20
Operative temperature	0°C ÷ +55°C - 20CFM with ventilation
Storage temperature	-40°C ÷ +85°C