

# VPX Microrack

## VPX4283A3N series - 4U chassis for 3U VPX boards

VP-107\_en - Rev.2



### Mechanical specifications

<b>Dimensions</b>	4U 84TE 282.9 mm
<b>Mounting</b>	Table top chassis for laboratory use
<b>Card cage</b>	3U/160mm VPX modules on the front Card guides for 3U RTM
<b>Construction</b>	2.5 mm aluminum
<b>Surface</b>	Surtech 650
<b>Cooling</b>	Bottom to top ventilation

- Card slides
- Filler panels
- Power on button, IEC power inlet and fuse
- Led for voltages

### Features

- ▶ Development platform for 3U VPX boards
- ▶ 6 slot VITA 65 / Open VPX backplane
- ▶ Redundant power supply, total 500W
- ▶ Suitable for TM 3U on the rear

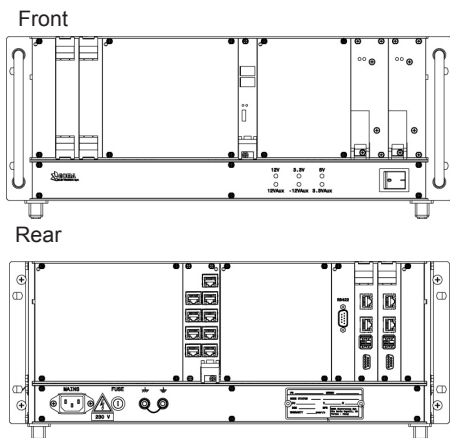
### Backplane

- 3U, 6 slot, VITA65 backplane  
65C306-15212-30
- 3U, 9 slot, VITA65 backplane  
65c309-15217-30

### Power Supply

- 3U 8HP modular PSU  
power input: 100-240VAC, 250W
- 3U 8HP modular PSU  
power input: 36-72VDC, min 150W
- 3U 8HP modular PSU  
power input: 18-36VDC, 250W

### Layout



### Environmental specifications

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