

# VPX Microrack

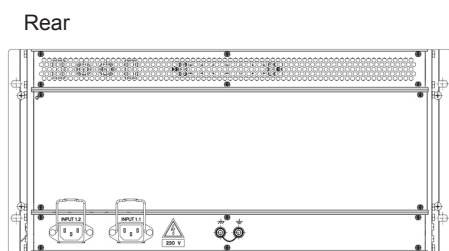
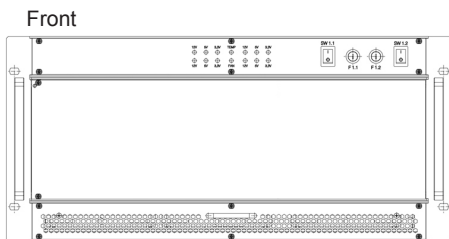
## VPX5283B3N series - 5U chassis for 3U VPX boards



### Features

- ▶ Platform for 3U VPX boards
- ▶ 4 x 3 slot VITA 65 / Open VPX backplane
- ▶ Suitable for 4 power supply on the front
- ▶ Suitable for RTM 3U on the rear

### Layout



### Mechanical specifications

VP-114\_en - Rev.1

Dimensions	5U 84TE 283 mm
Mounting	19" rackmount
Frame	EMC
Card cage	3U/160mm VPX modules on the front Card guides for 3U RTM
Construction	2.5 mm aluminum
Surface	Surtech 650
Cooling	Front and bottom to rear ventilation
	<ul style="list-style-type: none"><li>• Card slides</li><li>• EMC filler panels</li><li>• Dual Power on button, dual IEC power inlet and dual fuse</li><li>• Led for voltages</li><li>• Led fan fail</li><li>• Led temp fail</li></ul>

### Backplane

4 x Backplane 3U, 12HP, 3 slot, Open VPX  
1 x Payload slot  
2 x Peripheral slot

### Power Supply

Suitable for:  
4 x 3U 8HP modular PSU  
dual power input wiring on 4 VPX backplane

### Monitoring

Suitable for:  
3U, 4HP card for local and remote monitoring

### Environmental specifications

Shock	50m/s <sup>2</sup> , 30ms
Vibrations	1m/s <sup>2</sup> , 5...150Hz
Humidity	5...90%
Operative temperature	0°C ÷ +45°C
Storage temperature	-40°C ÷ +75°C