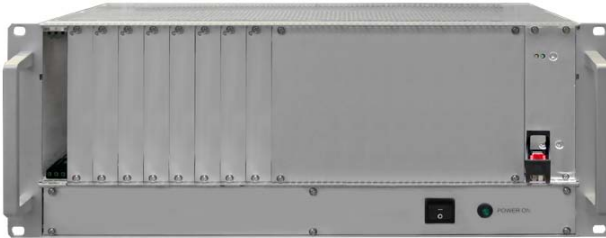


# CompactPCI Serial Microrack

CPS4283A Series - 4U Chassis - 3U boards

CS-100 - Rev.1\_EN



## Features

- ▶ Microrack for CPCI-S.0 3U boards
- ▶ 3-9 slots Backplane
- ▶ Modular PSU on front
- ▶ Customizations

## Mechanical Features

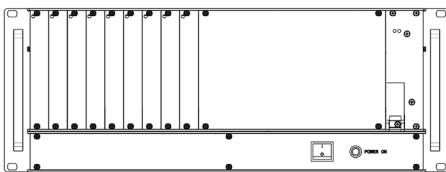
<b>Dimensions</b>	4U 84TE 283 mm
<b>Mounting</b>	19" rackmount Option available: tabletop frame Option available: Telescopic slides
<b>Form Factor</b>	3U Modules, vertical mounting
<b>Material</b>	Aluminum
<b>Surface Coating</b>	Surtech 650
<b>Cooling</b>	Bottom to top airflow
<b>Accessories Included</b>	<ul style="list-style-type: none"><li>• Integrated fan unit</li><li>• EMC Protection</li><li>• Leds for voltage presence</li><li>• Power plug and fuse</li><li>• Bonding screw with logic ground separation</li><li>• Card slides</li></ul>
<b>Options</b>	<ul style="list-style-type: none"><li>• Rugged versions</li><li>• Customized versions</li><li>• Fan status and temperature control modules</li><li>• Remote monitoring module for voltages, temperature and fans status</li></ul>

## Backplane

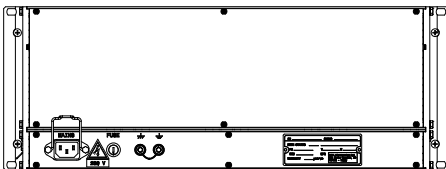
3U CompactPCI Serial Backplane 3-9 slots

## Layout

Front



Rear



## Power Supply

3U Modular PSU  
power input: 90-264VAC, 300W

## Environment Specifications

<b>Shock</b>	15g/11ms
<b>Vibrations</b>	1.5g 5÷200Hz (sinusoidal 3 axes)
<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 - required 20CFM ventilation
<b>Storage Temperature</b>	-40°C ÷ +85°C