

## » CP-HDD-S-KIT «



### 3U CompactPCI® Carrier KIT for 2.5" HDD/SSD

- » Versatile solution for installation in 3U and 6U 19" enclosures
- » Rugged design
- » Hot pluggable HDD/SSD carrier boards
- » SATA II compliant

## In more and more CompactPCI® system applications storage solutions are needed. The CP-HDD-S-KIT offers such a flexible solution.

It consists of one or two carrier boards plus a special designed backplane. The versatile design allows the CP-HDD-S-KIT to be installed in all 19" enclosures, regardless of whether 3U or 6U CompactPCI®. For a maximum of resistance against shock and vibration, the CP-HDD-S-KIT

is equipped with two guide pins per carrier board. In addition the CP-HDD-S carrier boards are mounted on aluminium frames to guarantee best mechanical stability. The CP-HDD-S provides LED's for activity and optional error indication. Furthermore the carrier boards are fully hot pluggable. This makes it easy to accomplish a replacement without the need to shutdown the complete system environment.

Technical Information	
<b>CP-HDD-S-KIT Components</b>	<ul style="list-style-type: none"> <li>» 1x or 2x 3U/4HP carrier boards</li> <li>» 3U, single slot backplane for 1x carrier board or 3U, double slot backplane for 2x carrier boards</li> <li>» SATA cable and guide rails</li> </ul>
<b>CP-HDD-S Carrier Board</b>	<ul style="list-style-type: none"> <li>» 3U/4HP carrier board for installation of 1x 2.5" HDD or SSD</li> <li>» Aluminium frame</li> <li>» One standard 2.5" SATA disk interface, SATA II compliant</li> </ul>
<b>Backplane</b>	
Single slot	<ul style="list-style-type: none"> <li>» 1x input power and LED signals cable for the single slot backplane</li> <li>» Optionally 1x LED signals cable for the dual slot backplane</li> </ul>
Double slot	<ul style="list-style-type: none"> <li>» Activity LED</li> <li>» Option to mount a HDD/SSD protection cover</li> </ul>
<b>Compliance</b>	CompactPCI® Core Specification PICMG 2.0 Rev. 3.0 Designed to meet or exceed: <ul style="list-style-type: none"> <li>» Safety: UL 60950-1, CSA 22.2 No 60950-1, EN60950-1</li> <li>» EMI/EMC: EN 55022 / EN 55024, EN 50081-1 / EN 61000-6-2</li> <li>» EN50155 class 1B (shock and vibration)</li> </ul>
<b>General</b>	
Dimensions	CP-HDD-S: 111.5 x 171 mm, 3U Backplane single slot: 129 x 20 mm Backplane double slot: 129 x 40 mm
Weight	CP-HDD-S-KIT-D: 500g CP-HDD-S-KIT-S: 250g
MTBF	CP-HDD-S-KIT-S: 4,333,512h; CP-HDD-S-KIT-D: 2,166,756h acc. MIL-HDBK 217FN2, Ground Benign GB, controlled @30°C
<b>Power Consumption</b>	Depends on HDD/SSD installed, typ. 5 watt per HDD
<b>Environmental</b>	
Operating Temperature	-40°C to +85°C (w/o HDD/SSD)
Storage Temperature	-40°C to +85°C (w/o HDD/SSD)
Climatic Humidity	93% RH at 40°C, non-condensing (acc. to IEC 60068-2-78)

Ordering Information	
Article	Description
<b>CP-HDD-S-KIT</b>	
<b>CP-HDD-S-KIT-S</b>	1x CP-HDD-S SSD/HDD carrier, 3U single slot backplane, SATA cable, guide rails, input power cable
<b>CP-HDD-S-KIT-D</b>	2x CP-HDD-S SSD/HDD carrier, 3U double slot backplane, SATA cables, guide rails
<b>CP-HDD-S-KIT-D-2LED</b>	2x CP-HDD-S SSD/HDD carrier, 3U double slot backplane, SATA cables, guide rails. Carriers with activity LED and status LED
<b>HDD's</b>	
<b>CP-HDD-2.5-SATA-xxx</b>	Various sizes of onboard 2.5" SATA HDD

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