

## » CP-ASM6 «



### Ready available 6U CompactPCI® Card Cages

- » 19" Racks with RIO and FAN
- » Redundant Power Supplies from 18 VDC to 260 VAC
- » 8 Slot Backplane with Hot-Swap Support
- » EMI protected and CE compliant

CP-ASM6 is a series of ready integrated standard card cages for 6U CompactPCI®. The anodized/chromed aluminium enclosure integrates up to four P47 power supplies and a 8 slot backplane with hot-swap support. The 1U fan tray at the bottom side carries three cooling fans with sensed outputs. The ready integrated card cage provides rear I/O for all slots and is designed to meet the requirements associated with rugged environments and varying ambience.

CompactPCI® is the most accepted modular standard throughout the ICT market segments. It provides in an extraordinary way:

- » **Flexibility:** just plug another I/O board where needed
- » **Variability:** upgrade to another CPU for higher performance
- » **Longevity:** switch over to next generation CPU blade
- » **Supplier-independency:** for special needs, select any market available component

## Technical Information

### Dimensions

84HP Rack	445 x 132 x 282mm / 84HP, 3U, 275mm
84HP Fan Tray	445 x 45 x 282mm / 84HP, 1U, 275mm

### P47-Style Power Supply\*

200 Watt AC	CP3-SVE-P200AC » Input: 85-264 VAC » Max Output: 5V/40A, 3.3V/40A, +12V/5.5A, -12V/1.5A. » Dimension: 3U, 8HP » Cooling: Forced airflow mandatory! » Characteristics: Hot swappable, redundant
200 Watt DC 36 - 75 VDC	CP3-SVE-P200DC » Input: 36 - 75 VDC » Max Output: 5V/40A, 3.3V/40A, +12V/5.5A, -12V/1.5A. » Dimension: 3U, 8HP » Cooling: Forced airflow mandatory! » Characteristics: Hot swappable, redundant
200 Watt DC 18 - 36 VDC	CP3-SVE-P200DC » Input: 18-36 VDC » Max Output: 5V/25A, 3.3V/36A, +12V/3A, -12V/0.5A » Dimension: 3U, 8HP » Cooling: Forced airflow mandatory! » Characteristics: Hot swappable, redundant

### CompactPCI® Backplane

8 Slot Rear I/O	CP3-BP8-P47-RIO » PSU connector: P47 » Slot: 8, all 64 bit with Rear I/O » System slot: right (option: left)
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### 1U Fan Tray

84HP / 1U-275mm	CP-MKIT-FAN » Power consumption: 12 VDC / 15 Watt » Airflow: 3 x 170m <sup>3</sup> /h (100cfm) / average of 2.5 m/s (500lfm)
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### Disk Drive Assembly Kits

Single 2.5" SATA HDD/SSD	CP-HDD-S-KIT-S
Double 2.5" SATA HDD/SSD	CP-HDD-S-KIT-D

### General\*\*

Ambient temperature	0°C to +50°Cw
Humidity	30% to 80% without condensation
Protection	IP20
Over voltage category	2
Protection class	1
EMI	EN55022 / EN55024
Safety	EN60950-1

\*For further information refer to the respective manuals of the power supplies or CompactPCI® backplanes.

\*\* All systems described in the ordering list are conform to or better than.

## Ordering Information

## Article

**CompactPCI® Card Cage 84HP**[CP-ASM6R-84-2P200AC-B0800-STD](#)[CP-ASM6R-84-4P200AC-B0800-STD](#)[CP-ASM6R-84-P200AC-B0800-STD-SL](#)**Fan Tray**[CP-MKIT-FAN](#)**Disk Drive Assembly Kits**[CP-HDD-S-KIT-S](#)[CP-HDD-S-KIT-D](#)[CP-MKIT-CDROM](#)[CP-DVDRW-SATA](#)

## Description

6U CompactPCI® Rack 84HP, 8 slot backplane, rear I/O option, two redundant 200 Watt AC PSUs

6U CompactPCI® Rack 84HP, 8 slot backplane, rear I/O option, four redundant 200 Watt AC PSUs

6U CompactPCI® Rack 84HP, 8 slot backplane with system slot left, rear I/O option, one 200 Watt AC PSU

Fan tray 84HP 1U 275mm for 3U or 6U CompactPCI. With 3 fans 12 VDC 15 Watt, average airflow 2.5 m/s

SATA HDD/SSD carrier, 1 slot backplane, SATA cable

2x SATA HDD/SSD carrier, 2 slot backplane, 2x SATA cable

CDROM Assembly Set, 5.25", 32HP Front

SATA re-writable CD/DVD ROM for CompactPCI®

**Moreover: dedicated system platforms**

Ask for your entire platform solution for 6U CompactPCI®, based on a CP-ASM6 rack variant and the right selection out of Kontron's rich CPU blade portfolio, including periphery which fulfills your I/O, storage and networking requirements. Optionally, you may perform the hardware integration yourself. Or, in order to fully concentrate on your application, you may leave the integration to Kontron, and consequently address the platform responsibility to Kontron, which includes co-operability, obsolescence, environmental and EMC criteria of the system.

**Dedicated project management**

As a global company, Kontron has knowledgeable teams to support you in your region. Through your local project manager you have worldwide access to immense specialist know-how. Your project manager guides you securely through the entire design-in process to productionready product by means of a precise gate project plan. This allows you to concentrate on your core business and still retain an overview and full control of development, documentation, and production, including unique test processes, systems and procedures.



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