CP-ASM6

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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

POSSIBILITIES START HERE

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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 sensored 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 84HP FAN TRAY	445 x 264 x 282mm / 84HP, 6U, 275mm 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 swapable, redundant
	200 WATT DC 36 - 75 VDC	CP3-SVE-P200DC-48V - 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 swapable, redundant
	200 WATT DC 18 - 36 VDC	CP3-SVE-P200DC-24V - 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 swapable, redundant
CompactPCI® BACKPLANE*	8 SLOT REAR I/O	- PSU connector: P47 - Slot: 8, all 64 bit with Rear I/O - System slot: right
1U FAN TRAY	84HP / 1U-275MM	CP-MKIT-FAN - Power consuption: 12 VDC / 15 Watt - Airflow: 3 x 170m³/h (100cfm) / average of 2.5 m/s (500lfm)
GENERAL**	AMBIENT TEMPERATURE HUMIDITY PROTECTION OVER VOLTAGE CATAGORY PROTECTION CLASS EMI SAFETY	0 °C to +50 °C 30 % to 80 % without condensation IP20 2 1 EN55022 / EN55024 designed to meet EN 62368-1

*For further information refer to the respective manuals and data sheets of the power supplies or CompactPCI® backplanes.
** All systems described in the ordering list are conform to or better than.

► ORDERING INFORMATION

ARTICLE	DESCRIPTION
COMPACTPCI® CARD CAGE 84HP	
CP-ASM6R-84-2P200AC-B0800-STD	6U CompactPCI® Rack 84HP, 8 slot backplane, rear I/O option, two redundant 200 Watt AC PSUs Fan tray shall be ordered separately.
FAN TRAY	
CP-MKIT-FAN	Fan tray 84HP 1U 275mm for 3U or 6U CompactPCI. With 3 fans 12 VDC 15 Watt, average airflow 2.5 m/s
DISK DRIVE ASSEMBLY KITS	
CP-HDD-S-KIT-S	SATA HDD/SSD carrier, 1 slot backplane, SATA cable
CP-HDD-S-KIT-D	2x SATA HDD/SSD carrier, 2 slot backplane, 2x SATA cable
CP-MKIT-CDROM	CDROM Assembly Set, 5.25", 32HP Front (on request)

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 concentrade on your application, you may leave the integration to Kontronor your local Kontron integration partner. Consequently, you may leave the platform responsibility to them, comprising co-operability, obsolecense, environmental and EMC criteria of the system.

Dedicated project management

As a global company, Kontron has knowledgeable teams and integration partners 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.

► GLOBAL HEADQUARTERS

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