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Find the *Kontron CP-ASM3-P47* at our website: ***Click HERE***

» CP-ASM3 «



Ready available 3U CompactPCI® Card Cages

» 19" Racks with RIO and FAN Options
» Industrial Power Supplies from 14 VDC to 260 VAC
» Backplanes with 2 to 8 Slot Segments
» EMI protected and CE compliant

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CP-ASM3 is a series of ready integrated standard card cages for 3U CompactPCI®, based on the quality and experience of the technology leader.

CompactPCI® is the most accepted modular standard throughout the ICT market segments. CompactPCI® is loved for any application, where openness, modularity, robustness, reliability, or longevity is an advantage. It provides outstanding.

» **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	483 x 133 x 282mm / 84HP, 3U, 275mm
42HP Rack	220 x 133 x 242mm / 42HP, 3U, 235mm
84HP Fan Tray	483 x 45 x 282mm / 84HP, 1U, 275mm
42HP Fan Tray	220 x 45 x 242mm / 42HP, 1U, 235mm

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: » Characteristics:	Forced airflow mandatory! Hot swapable, 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: » Characteristics:	Forced airflow mandatory! Hot swapable, 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: » Characteristics:	Forced airflow mandatory! Hot swapable, redundant

M-Style Power Supply

180 Watt AC	CP3-SVE-M180AC » Input: 85-264 VAC » Max Output: 5V/20A, 3.3V/14A, +12V/2A, -12V/1A. » Dimension: 3U, 12HP	» Cooling: » Characteristics:	Free convection airflow Not hot swapable, not redundant
150 Watt DC	CP3-SVE-M150DC » Input: 36-76 VDC » Max Output: 5V/14A, 3.3V/14A, +12V/2A, -12V/1A. » Dimension: 3U, 12HP	» Cooling: » Characteristics:	Free convection airflow Not hot swapable, not redundant
100 Watt DC	CP3-SVE-M100DC » Input: 14,4-154 » Max Output: 5V/10A, 3.3V/12A, +12V/9A » Dimension: 3U, 12HP	» Cooling: » Characteristics:	Free convection airflow Extended temperature, conformal coating, EN50155

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



CP-ASM4R-84F-P200AC-B0800-STD

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Technical Information

CompactPCI® Backplane	
for P47 style PSU	CP3-BP8-P47-RIO » PSU connector: P47 » Slot: 8, all 32 bit with Rear I/O » System slot: right
for M-style PSU	CP3-BP8-M-RIO » PSU connector: M-style » Slot: 8, all 32 bit with Rear I/O » System slot: right
1U Fan Tray	
84HP / 1U-275mm / 3.6W	CP-MKIT-FAN-84-3 » Power consuption: 12 VDC / 3x 1.2 Watt » Airflow: 3x 95m³/h (56cfm) / average of 1.25 m/s (250lfm)
84HP / 1U-275mm / 15W	CP-MKIT-FAN-84-15 » Power consuption: 12 VDC / 3x 5 Watt » Airflow: 3x 170m³/h (100cfm) / average of 2.5 m/s (500lfm)
42HP / 1U-235mm / 1.2W	CP-MKIT-FAN-42-1 » Power consuption: 12 VDC / 1x 1.2 Watt » Airflow: 1x 95m³/h (56cfm) / average of 0.8 m/s (160lfm)
42HP / 1U-235mm / 5.6W	CP-MKIT-FAN-42-5 » Power consuption: 12 VDC / 4x 1.4 Watt » Airflow: 4x 56m³/h (33cfm) / average of 1.1 m/s (220lfm)
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°C
Humidity	Up to 93% RH at 40°C, non-condensing (acc. To IEC 60068-2-78)
Protection	IP20
Over voltage catagory	2
Protection class	1
EMI	EN55022 / EN55024
Safety	EN60950-1

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



CP-ASM3R-84-M100DCWV-B0800-STD

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Ordering Information

Article *	Description
CompactPCI® Card Cage 84HP	
CP-ASM3R-84-P200AC-B0800-STD CP-ASM4R-84F-P200AC-B0800-STD	3U CompactPCI® Rack with RIO option, 84HP, P47-style 200 Watt AC PSU and 8 slot backplane, 4U variant including 1U fantray
CP-ASM3R-84-P200DC48V-B0800-STD CP-ASM4R-84F-P200DC48V-B0800-STD	3U CompactPCI® Rack with RIO option, 84HP, P47-style 200 Watt 48VDC PSU and 8 slot backplane, 4U variant including 1U fantray
CP-ASM3R-84-P200DC24V-B0800-STD CP-ASM4R-84F-P200DC24V-B0800-STD	3U CompactPCI® Rack with RIO option, 84HP, P47-style 200 Watt 24VDC PSU and 8 slot backplane, 4U variant including 1U fantray
CP-ASM3R-84-M180AC-B0800-STD CP-ASM4R-84F-M180AC-B0800-STD	3U CompactPCI® Rack with RIO option, 84HP, M-style 180 Watt AC PSU and 8 slot backplane, 4U variant including 1U fantray
CP-ASM3R-84-M100DCWV-B0800-STD CP-ASM4R-84F-M100DCWV-B0800-STD	3U CompactPCI® Rack with RIO option, 84HP, M-style 100 Watt wide range PSU 16.8-137.5 VDC operating and 8 slot backplane, 4U variant including 1U fantray
CP-ASM4-84F-M100DCWV-B1100-STD-SWMP	4U CompactPCI® Rack with 1U fantray, for switched Multi-CPU assembly and M-style 100 Watt wide range PSU 16.8-137.5 VDC operating. Backplane: 3 CompactPCI® segments 6/2/2 slots with ETH connection from switch slot to system slots and space for HW RAID Kit with 4 SATA Disk slots. See also a separate datasheet.
CompactPCI® Card Cage 42HP	
CP-ASM3-42-M100DCWV-B0400-STD CP-ASM4-42F-M100DCWV-B0400-STD	3U CompactPCI® rack 42HP, 235mm depth wall-mount, with M-style 100W wide range PSU 16.8-137.5 VDC operating, 4 slot backplane, 4U variant including 1U fantray
CP-ASM4R-44F-M180AC-B0500-STD-TT	4U CompactPCI® table top rack with RIO option and fans, 44HP, M-style 180 Watt AC PSU, 5 slot backplane
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
CP-DVDRW-SATA	SATA re-writable CD/DVD ROM for CompactPCI®

*Drives and CompactPCI® boards can be integrated on request. Additional customized rack variants on request.

Moreover: dedicated system platforms

Ask for your entire platform solution for 3U CompactPCI®, based on a CP-ASM3 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 Kontron, and consequently address the platform responsibility to Kontron, which includes co-operability, obsolecense, 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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Datasheet – CP-ASM3 #10172013WMH
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