

CP-ASM6-PSB

6u CompactPCI Rack With Packet Switched Backplane PICMG 2.16



The Complete 6 U
Solution

- ▶ PICMG 2.16 compliant packet switching backplane
- ▶ Two Ethernet switch slots
- ▶ Three, hot swap, redundant power supplies
- ▶ AC or DC power supplies with P-47 PICMG 2.11 connector
- ▶ Two times eight CompactPCI slots with system slot left
- ▶ Two H.110 telephony busses
- ▶ All slots with Rear I/O
- ▶ Compatible with all 6U CompactPCI boards
- ▶ Fan tray with three fans, fixed or hot swap

Innovative CompactPCI

Reliable

Versatile



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Product Overview

CP-ASM6-PSB

Kontron's CP-ASM6-PSB is a 19" rackmount CompactPCI platform, state-of-the-art technology and unparalleled versatility. It's an entry to medium level solution for OEMs who require robust and cost effective systems.

The datacom, Internet infrastructure, computer telephony, and convergence markets have influenced new technologies such as the PICMG2.16 specification, H.110 telephony bus, and switch fabric.

As the need for a reliable communication platform becomes increasingly critical, the CP-ASM6-PSB has been designed for that reason, and its cost effectiveness has made it accessible. You can't get a better value for your demanding communications infrastructure requirements.

The 1U (hot swap) fan tray, recommended for a sufficient cooling of the power supplies, comes with three fans, offering a combined airflow of 250 lfm. Optional there is a replaceable filter pad available for the hot swap fan tray.

Rack

6U, 84HP, EMI compliant, anodized aluminum based rack for CompactPCI use, complete with 16 slot, 6U backplane, all slots Rear I/O and up to three Positronic47 power supplies in AC or DC version

Power supply

AC Type: 200 watt type with AC input in a 3U, 8HP housing
Automatic input voltage selection from 85 to 264 VAC
Nominal input voltage 110/230 VAC
Input frequency 47 to 63 Hz
Output voltage/current: +3.3V / 20A; +5,0 V / 20A;
+12V / 2,5A; -12V / 0,5A
Redundant, current sharing, hot swappable
With interference suppression (EN50081-1, EN55011, EN55022 standards) LED power indicators.

DC Type: 200 watt type with DC input in a 3U, 8HP housing
Nominal input voltage -48 VDC
Input voltage: 36 to 75 VDC
Output voltage/current: +3.3V / 20A; +5,0 V / 20A;
+12V / 2,5A; -12V / 0,5A.
Redundant, current sharing, hot swappable
With interference suppression (EN50081-1, EN55011, EN55022 standards) LED power indicators.

Rack dimensions

Depth: 285 mm
Height: 6 U (265 mm)
Width: 84 HP (440 mm)
Weight 10 kg

Fan tray dimensions

Depth: 285 mm
Height: 1 U (45 mm)
Width: 84 HP (440 mm)

Product	Description	Order No.
CP-ASM6-PSB16	6U, 84HP EMI-19 inch rack, depth 285 mm, completely wired and tested. With 16 slot PSB backplane and three 3U AC power supplies.	24789
CP-ASM6-PSB16	Like 24789 but with three 3U DC power supplies	on request
CP944	24 input/2 output switch blade, 6 U/4 HP, PICMG 2.16 compliant	23838
CP-MKIT-FAN	1 U fixed fan tray with 3 fans	23774
CP-MKIT-FAN	1 U hot swap fan tray with 3 sensed fans	23775
CP-FILTERPAD	five replaceable filter pads in one packaging unit for use in 23775	23768
CP-FP-DUMMY-6 U-4 HP	Dummy front panel 6 U, 4 HP for empty slot covering	19824
CP-FP-DUMMY-6 U-8 HP	Dummy front panel 6 U, 8 HP for empty slot covering	19825



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