

# ➤ **CP-POCKET**

## **3U CompactPCI**

### **Complete Solution with CPU**



## **CompactPCI**

- **Slim**  
Design With Only 28HP And 210mm Deep.
- **Efficient**  
Off The Shelf Components.
- **Cost effective**  
High Value return.

If it's Embedded, it's Kontron.

## Product Overview

Designed for operation in standard applications, CP-POCKET is a very cost effective solution for 3U CompactPCI. With an integrated CPU, either an CP303-V or CP306-V, and a wide choice of I/O boards, CP-POCKET provides outstanding potential for system expansion.

CP-POCKET is available in both an AC and a DC standard version. Each with a 75 Watt power supply and a 4-slot CompactPCI backplane. The power supply provides the 5.0 Volt and 3.3 Volt for the CPCI boards inside the system.

The fan-less version of CP-POCKET comprises a CP303-V with 400MHz. Memory, Software and Frontpanel options are separate orderable parts, so every project becomes the features it needs, no more.. no less.

Together with the CP306-V a long life fan is integrated in the 4U CP-POCKET version. Various options are available for shaping the system to the needs of the project.

For applications where a different 3U CPU is needed, CP-ASM4-POCKET is also available as open platform.

AC Power supply	
Input Voltage	95 ... 264 VAC
Input frequency	47 ... 63 Hz
Input connector	Screw terminal on the front panel
Output voltage (current)	3.3 V (10A), 5.0 V (15A)
Output power	Combined power consumption of the 5.0 and 3.3 Volt may not exceed 75 Watt.
DC power supply	
Input Voltage	20 ... 60 VDC (24 or 48 Volt nominal)
Input connector	3 pin D-Sub on frontpanel.
Output voltage (current)	3.3 V (15A), 5.0 V (15A)
Output power	Combined power consumption of the 5.0 and 3.3 Volt may not exceed 75 Watt.
CPCI Backplane	
Slot count	4 slot
System slot	Right
Clock speed	33 MHz
Transfer rate	32 bit
Housing	
Dimension	155 x 165 x 210 mm
Weight	approx 2.5 Kg
Common	
Temperature Range:	0 C to + 50 C (standard)
Climatic Humidity:	non-condensing 20 ... 90% at 40 C
For more information on the CPU, please refer to the respective datasheet.	

## Ordering Information

Product	Description	AC Order No.	DC Order No.
CP-POCKET	4U / 28HP complete CPCI solution with CP306-V, 1.3 GHz CPU, 512MB, 75 Watt PSU	tbd.	tbd.
CP-POCKET-BASE	4U / 28HP base solution with CP306-V, 1.3 GHz CPU, 75 Watt PSU. 1)	28818	28819
CP-POCKET-BASE	4U / 28HP base solution with CP306-V, 600 MHz CPU, 75 Watt PSU. 1)	tbd.	tbd.
CP-POCKET-BASE	3U / 28HP fan less base solution with CP303-V, 400 MHz CPU, 75 Watt PSU, 1)	28254	28256
CP-ASM4-POCKET	4U / 28HP rack with 4 slot CPCI Backplane and 75 Watt PSU without CPU	27537	27536
CP-POCKET-TT	4U rear panel for converting wall-mounted to table top	27572	27572
CP-FP-DUMMY-3U-4HP	3U / 4HP dummy front panel for empty slot covering	16833	16833

1) Order DMSO ( memory ) and EXT ( CPU options ) extra. For the ordering options, please refer to the data sheet of CP306-V or CP303-V.

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