

## » CP-Pocket «



### **3U CompactPCI: Pocket Size and Pocket Price**

- » Open Platform with Intel® Atom™ or Celeron®
- » Slim Design in a robust form factor
- » Flexible system expansion

# CP-Pocket

## 3U CompactPCI: Pocket Size and Pocket Price

The CP-POCKET corresponds to a compact Box-PC in terms of size and price range. Its modular form factor is the ideal choice for any industrial application, when additional hardware flexibility is needed.

System performance can be varied by the selection of the CPU board. And with a wide choice of peripheral modules such as I/O boards, the 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 and 3.3 volt for the CPCI boards inside the system.

Two performance levels are available: Variants with CP305, equipped with a 1.6 GHz Intel® Atom™ N270 CPU, and variants with CP307-V, 1.86 GHz Intel® Celeron® M 440.

In case an alternative selection out of the wide choice of Kontron's 3U CPU blades is requested, the CP-ASM4-POCKET chassis is also available as an open platform.

CP-Pocket is equipped with a cable strain-relief and a fan. Proposal of fanless variants (for CP305) on request.

### Technical Information

#### AC Power Supply

Input voltage	90 ... 264 VAC
Input frequency	50 / 60 Hz
Input connector	Screw terminal on the front panel
Output voltage (current)	3.3 V (8 A); 5.0 V (8 A)
3.3V / 5V power	Combined maximum consumption: 75 watts

#### DC Power Supply

Input voltage	20 ... 60 VDC (24 or 48 volt nominal)
Input connector	3 pin D-Sub on the front panel
Output voltage (current)	3.3 V (15 A); 5.0 V (15 A)
3.3V / 5V power	Combined maximum consumption: 75 watts

#### CPCI Backplane

Slot count	4 slots
System slot	Right
Clock speed	33 MHz
Transfer rate	32-bit

#### System Controllers

CP305	Intel® Atom™ processor N270, 1.6 GHz, 1GB RAM
CP307-V	Intel® Celeron® M processor 440, 1.86 GHz, 1 GB RAM

#### Common

Dimensions	155mm x 183mm x 210mm (3U / 28HP)
Temperature range	0°C to +50°C (standard)
Climatic humidity	non-condensing 20 ... 90% at 40°C
Weight	ca 2.5 kg without CPU

### Ordering Information

Article	Order No	Description
<a href="#">CP-POCKET-BASE305AC</a>	1044-0240	4U / 28HP CPCI Pocket base AC, CP305, 1.6 GHz CPU, 1GB RAM
<a href="#">CP-POCKET-BASE305DC</a>	1044-0236	4U / 28HP CPCI Pocket base DC, CP305, 1.6 GHz CPU, 1GB RAM
<a href="#">CP-POCKET-BASE307AC</a>	37247	4U / 28HP CPCI Pocket base AC, CP307-V, 1.86 GHz CPU, 1GB RAM
<a href="#">CP-POCKET-BASE307DC</a>	37249	4U / 28HP CPCI Pocket base DC, CP307-V, 1.86 GHz CPU, 1GB RAM
<a href="#">CP-ASM4-POCKET-AC</a>	27537	4U / 28HP rack with 4-slot CPCI backplane, 75 watt AC PSU, no CPU
<a href="#">CP-ASM4-POCKET-DC</a>	27536	4U / 28HP rack with 4-slot CPCI backplane, 75 watt DC PSU, no CPU
<a href="#">CP-FP-DUMMY-3U-4HP</a>	16833	3U / 4 HP dummy front panel for empty slot covering

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