

CP-Pocket



CP-POCKET - FOR DEMANDS BEYOND A BOX PC

- ▶ Open platform with cost optimized CPU blades
- ▶ Flexible system expansion
- ▶ CompactPCI: modular, robust, long-lasting
- ▶ Pocket size and pocket price

POSSIBILITIES START HERE



CP-Pocket

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The CP-POCKET corresponds to a compact Box-PC in terms of size and price range, but offers the openness, flexibility and modularity of CompactPCI at only limited extra cost:

- ▶ 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

Its modular form factor is the ideal choice for any industrial application, when additional hardware flexibility is needed.

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 back-

plane. The power supply provides the 5 and 3.3 volt for the CPCI boards inside the system.

Three performance levels are available: Variants with CP305, equipped with a 1.6 GHz Intel® Atom™ N270 CPU, variants with CP307-V, 1.86 GHz Intel® Celeron® M 440, and variants with CP3003-V, 1.0 GHz Intel Celeron 807UE (32nm technology).

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 INPUT FREQUENCY INPUT CONNECTOR OUTPUT VOLTAGE (CURRENT) 3.3 V / 5 V POWER	90 - 264 VAC 50 / 60 Hz Screw terminal on the front panel 3.3 V (8 A); 5.0 V (8 A) Combined maximum consumption: 75 watts
DC POWER SUPPLY	INPUT VOLTAGE INPUT CONNECTOR OUTPUT VOLTAGE (CURRENT) 3.3V / 5V POWER	20 - 60 VDC (24 or 48 volt nominal) 3 pin D-Sub on the front panel 3.3 V (15 A); 5.0 V (15 A) Combined maximum consumption: 75 watts
CPCI BACKPLANE	SLOT COUNT SYSTEM SLOT CLOCK SPEED TRANSFER RATE	4 slots Right 33 MHz 32-bit
CPUS	CP305 CP307-V CP3003-V	Intel® Atom™ processor N270, 1.6 GHz, 1 GByte RAM Intel® Celeron® M processor 440, 1.86 GHz, 1 GByte Intel® Celeron® 807UE, Single-Core 1.0 GHz, 1 MByte cache, 2 GByte RAM
COMMON	DIMENSIONS TEMPERATURE RANGE CLIMATIC HUMIDITY WEIGHT	155 x 183 x 210 mm (3U / 28HP) 0 °C to +50 °C (standard) Non-condensing 20 - 90 % at 40 °C Ca 2.5 kg without CPU

▶ ORDERING INFORMATION

ARTICLE	DESCRIPTION
CP-POCKET-F-M75AC-B0401-3003-STD	4U / 28HP CPCI Pocket base AC, CP3003-V, 1.0 GHz, 2 GByte RAM
CP-POCKET-F-M75DC24V-B0401-3003-STD	4U / 28HP CPCI Pocket base DC, CP3003-V, 1.0 GHz, 2 GByte RAM
CP-POCKET-F-M75AC-B0401-305-STD	4U / 28HP CPCI Pocket base AC, CP305, 1.6 GHz CPU, 1 GByte RAM
CP-POCKET-F-M75DC24V-B0401-305-STD	4U / 28HP CPCI Pocket base DC, CP305, 1.6 GHz CPU, 1 GByte RAM
CP-POCKET-F-M75AC-B0401-307-STD	4U / 28HP CPCI Pocket base AC, CP307-V, 1.86 GHz CPU, 1 GByte RAM
CP-POCKET-F-M75DC24V-B0401-307-STD	4U / 28HP CPCI Pocket base DC, CP307-V, 1.86 GHz CPU, 1 GByte RAM
CP-POCKET-F-M75AC-B0400-STD	4U / 28HP rack with 4-slot CPCI backplane, 75 watt AC PSU, no CPU
CP-POCKET-F-M75DC24V-B0400-STD	4U / 28HP rack with 4-slot CPCI backplane, 75 watt DC PSU, no CPU
CP-FP-DUMMY-3U-4HP	3U / 4HP dummy front panel for empty slot covering

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