

XL-POCKET

6U CompactPCI

complete solution with CPU



Slim

Efficient

Cost effective

- **Slim design**
with only 28HP and 210 mm deep
- **Efficient**
off the shelf components
- **Cost effective**
high value return

Product Overview

Designed for operation in standard applications, XL-POCKET is a very cost effective solution for 6U CompactPCI. With an integrated CPU and a wide choice of I/O boards, XL-POCKET provides outstanding potential for system expansion.

XL-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 integrated Master CPU board CP6500-V is equipped with a Pentium III Celeron CPU, VGA, 2x USB, 2x Fast Ethernet, a PMC extension slot and space for an onboard 2.5" HDD. Especially for applications where a different combination of memory and/or extension modules are required, the XL-POCKET-BASE is available for customizing.

AC Power supply

Input voltage	95 ... 264 VAC
Input frequency	47 ... 63 Hz
Input connector	Screw terminal on front panel
Output voltage (current)	3.3 V (10A), 5.0 V (15A),
3.3V / 5V power	Combined power consumption of the 5 volt and 3.3 volt may not exceed 75 Watt.
Temperatur range	0 ... +50 C

DC Power supply

Input voltage	20 ... 60 VDC (24 or 48 Volt nominal)
Input connector	3 pin D-sub on front panel
Output voltage (current)	3.3 V (15A), 5.0 V (15A),
3.3V / 5V power	Combined power consumption of the 5 volt 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

CP6500-V *

CPU	Pentium III Celeron ULV 400 MHz or LV 1 GHz
Memory	256 MByte (128 or 512 MB optional)
Frontpanel interfaces	VGA, 2x USB, 1x COM, 2x Fast Ethernet
Options	2.5" hard disk drive, CompactFlash.

Common

Dimensions	155 mm x 298 mm x 210 mm (6U / 28HP)
Temperature Range	0 C to + 50 C (standard)
Operation Humidity Range:	20 ... 80% (non-condensing)
Weight:	3.0 Kg

* for more details on CP6500-V, see datasheet

** If +/- 12 volts is required for board operation this system cannot be used as there is no +/- 12 volts available.

Product	Description	Order No.
XL-POCKET (DC)	6U/28HP cPCI rack with 75 Watt DC power supply, 4 CPCI slots and CP6500-V with 400 MHz CPU and 256 MB memory	28924
XL-POCKET (AC)	6U/28HP cPCI rack with 75 Watt AC power supply, 4 CPCI slots and CP6500-V with 400 MHz CPU and 256 MB memory	28923
DMSO-128	128 MByte SDRAM Sodimm without ECC	24050
DMSO-256*	256 MByte SDRAM Sodimm without ECC	23362
DMSO-512	512 MByte SDRAM Sodimm without ECC	23810
CP-FP-Dummy-3U-4HP	3U/4HP dummy front panel for empty slot covering	16833
CP-FP-Dummy-6U-4HP	6U/4HP dummy front panel for empty slot covering	19824
CFxxx	CompactFlash in various memory sizes available	Various
CP-HDD-2.5-IDE	Notebook-style 2.5" Hard disk in various sizes available	Various
VxW-BSP-CP6500-V	VxWorks Board Support Package for use with Tornado on CD-Rom	
LIN-BSP-CP6500-V	Linux Board Support Package for use with SuSe or RedHat distribution	
*Already integrated in 28923 and 28924		

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