



# CPCI-HD

## On-Board HD-Drive and CompactFlash Slot

- Single slot 3 HE, 4 TE
- On-board IDE hard disk
- CompactFlash card slot in front panel (type I)
- Access to CompactFlash card in 'True IDE' mode
- Also available with CompactFlash interface only
- Access via standard system drivers of VxWorks, Windows NT/2000, Linux and QNX

### Hard Disk Drive On-Board

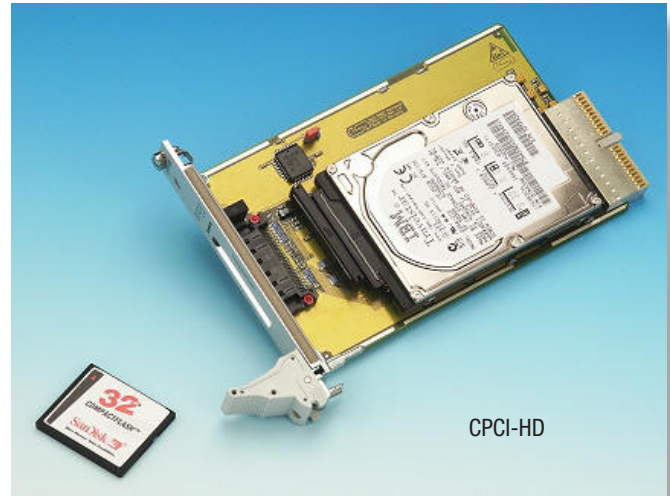
The module CPCI-HD is a CompactPCI board in Single Euro format. It is equipped with the IDE-Controller HPT370A that supports two IDE channels. One channel controls a CompactFlash slot and one controls the local HD drive. There are different HD drive capacities available now and the capacity may increase with the improvement of drive technology.

### CompactFlash Card Interface

The board is equipped with a type I CompactFlash cardholder. The card slot is accessible through the front panel with data access executed in 'True IDE' mode. As an option, the board is available as CompactFlash slot only without the HD drive.

### Software Support

The access to the HD drive and the CompactFlash card is possible with the standard system drivers of VxWorks, Linux, QNX and Windows NT/2000.



For further information please visit  
<http://www.esd-electronics-usa.com/CompactPCI - CPU PowerPC Ethernet CANopen DeviceNet Graphic Controller Digital I-Os Analog I-Os Serial Interface.html>

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### Technical Specifications:

CompactPCI connection:	
Interface:	According to CPCI specification, Rev. 2.0
PCI-Bridge:	HPT370A
Hard Disk Drive and CompactFlash:	
IDE controller:	HPT370A
HD drive:	Capacity 10 GB
CompactFlash:	According to CompactFlash™ specification, type I CompactFlash card holder, 'True IDE' mode, 3.3 V power supply
General:	
Ambient temperature:	0...50o C
Humidity: max.	90 %, non-condensing
Operating voltage:	5 V, 3.3 V
Connectors:	CompactFlash type I
Status LEDs:	Power (5 V and 3.3 V), HD access, CompactFlash access
Board dimensions:	3 HE height, 4 TE width

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### Order Information:

Designation		Order no.
CPCI-HD	10 GB HD drive, CompactFlash interface	1.2310.02
CPCI-CF	CompactFlash interface only	1.2310.04
CPCI-HD-ME	English manual	1.2310.21

