CPCI-COM4
Multi I/O Serial Interface Board (RS-232/RS-422/RS-484/HDCL)

- **4x serial interfaces**
  (RS-232 or HDLC/RS-422 or RS-485)
- **33/66 MHz CompactPCI® interface**

CompactPCI® Serial Interfaces
The CPCI-COM4 is a CompactPCI board in 3U format. It features 4 serial interfaces (RS-232, RS-422 or RS-485).
Local data control and management is controlled by an FPGA.

Connectivity
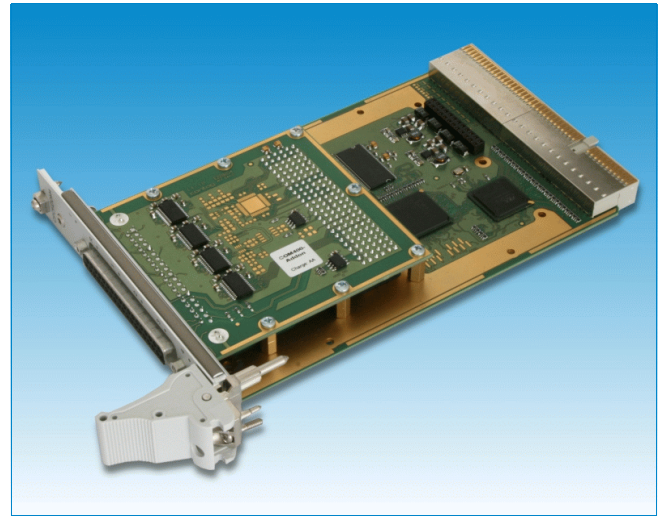All I/Os are connected to a 37-pin DSUB connector in the front panel.

HDLC
The HDLC protocol is supported on the 4 serial interfaces as input or output.
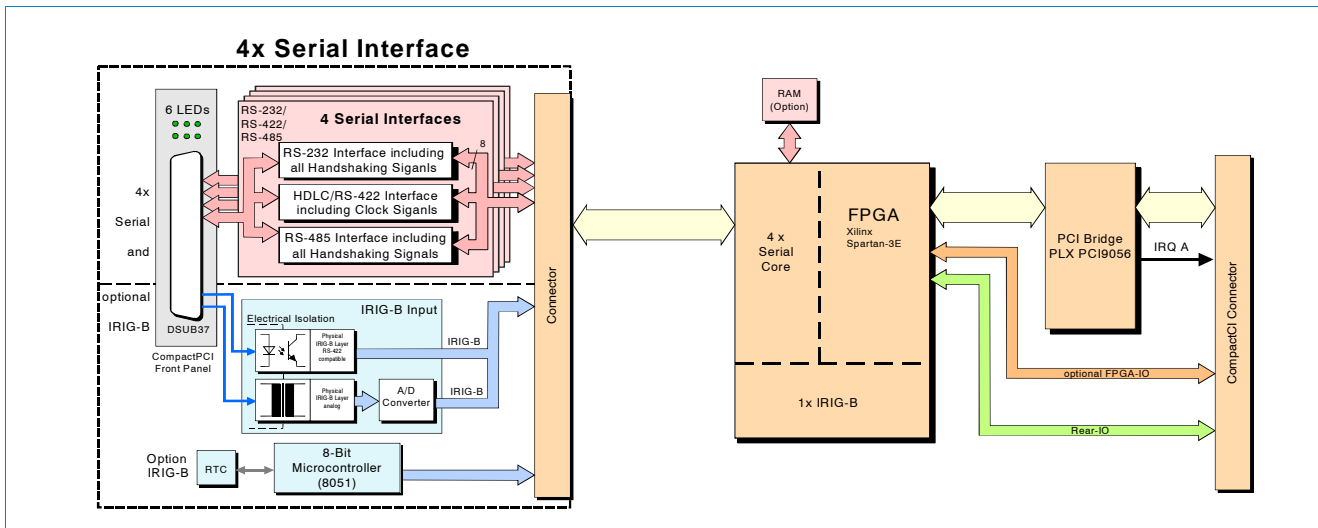Clock generation or -reception is configurable for each interface.

IRIG-B
An IRIG-B option is available on request.

Software
A Software driver is available for QNX®*. Software drivers for VxWorks® or Windows® are available on request.

(This product is under development. It will be available Q4 2013.)

Technical Specifications:

CompactPCI Interface and Microprocessor:

Interface	PCI bus according to PCI Local Bus Specification 2.2, 32 bit 33/66 MHz, 3.3 V (5 V tolerant), PCI bus master capability
Memory	BlockRAM: 72 KB DDR-SDRAM: 64 MB

Serial Interface:

Interface Asynchronous (UART)	4x RS-232 or 4x RS-422 or 4x RS-485, bit rate up to 115 200 Baud
Interface Synchronous	HDLC/RS-422, bit rate up to 307.2 kBaud, incl. clock signals

General:

Ambient temperature	0 ...+50 °C,
Relative humidity	Max. 90 %, non-condensing
Power supply	5 V, 3.3 V
Connectors	CompactPCI: P1, P2 I/O: DSUB37 (female)
LEDs	4x status serial interface, 1x module status

Order Information:

Hardware		order no.
CPCI-COM4	configurable by software: 4x RS-232 or 4x RS-422 or 4x RS-485	I.2328.01

Software Support		
CPCI-COM4-QNX	QNX* object licence	I.2328.15

* For detailed information about the driver availability for your special operating system please contact our sales team.