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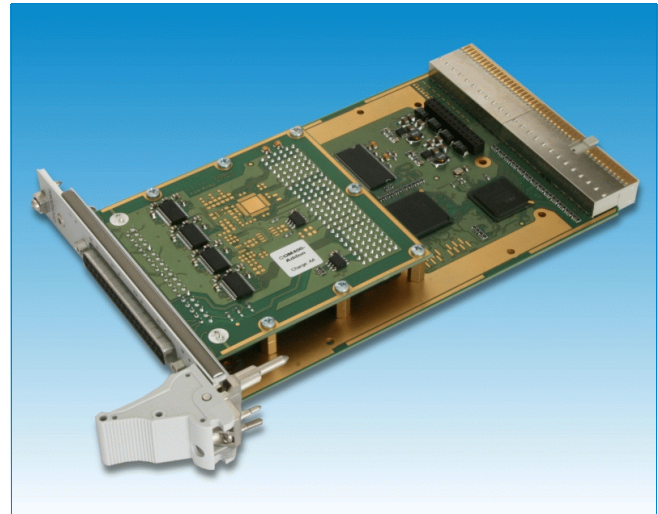All I/Os are connected to a 37-pin DSUB connector in the front panel.

### HDLC
The HDLC protocol is supported on the 4 serial interfaces as input or output.
Clock generation or -reception is configurable for each interface.
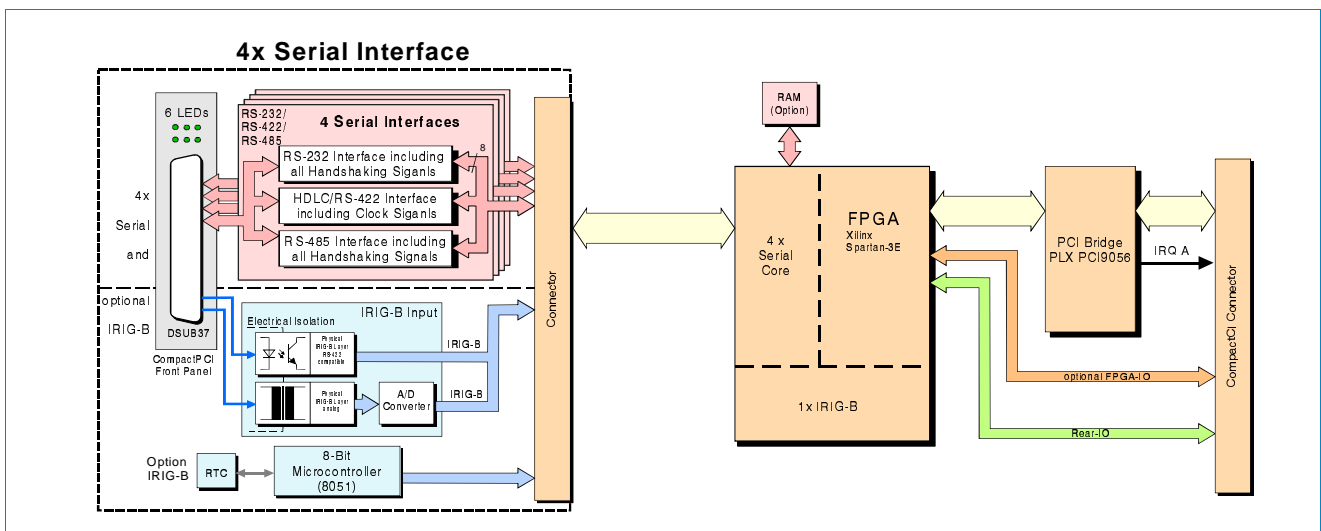
### IRIG-B
An IRIG-B option is available on request.

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



*(This product is in life cycle stage end-of-life.)*



## 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<br>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<br>I/O: DSUB37 (female) |
| LEDs | 4x status serial interface, 1x module status |

### Order Information:

| Hardware | | order no. |
|---|---|---|
| CPCI-COM4 | configurable by software:<br>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.*