CPCI-ETH2
10/100/1000BASE-T Ethernet Interface for CompactPCI®

Dual 10/100/1000BASE-T Ethernet
- Ethernet interfaces acc. to IEEE 802.3
- Dual port Gigabit Ethernet controller

Robust Design
- Automatic cable detection (crossover)
- Fulfills EMC and EMI industry standard
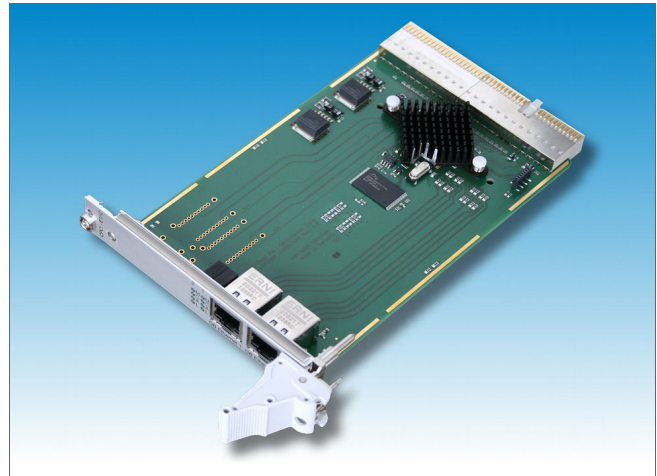
Special Features
- Speed rate indicated by separate LEDs
- Wide range of supported operating systems
- Additional EtherCAT® support available

Compact Solution
The CPCI-ETH2 card is a CompactPCI board in Euro format.
It is equipped with an Intel 82546GB dual port Gigabit Ethernet controller.
The CPCI-ETH2 is available with two Gigabit Ethernet interfaces.
The interfaces conform to IEEE802.3.
LEDs in the front panel indicate the status of the CPCI-ETH2.
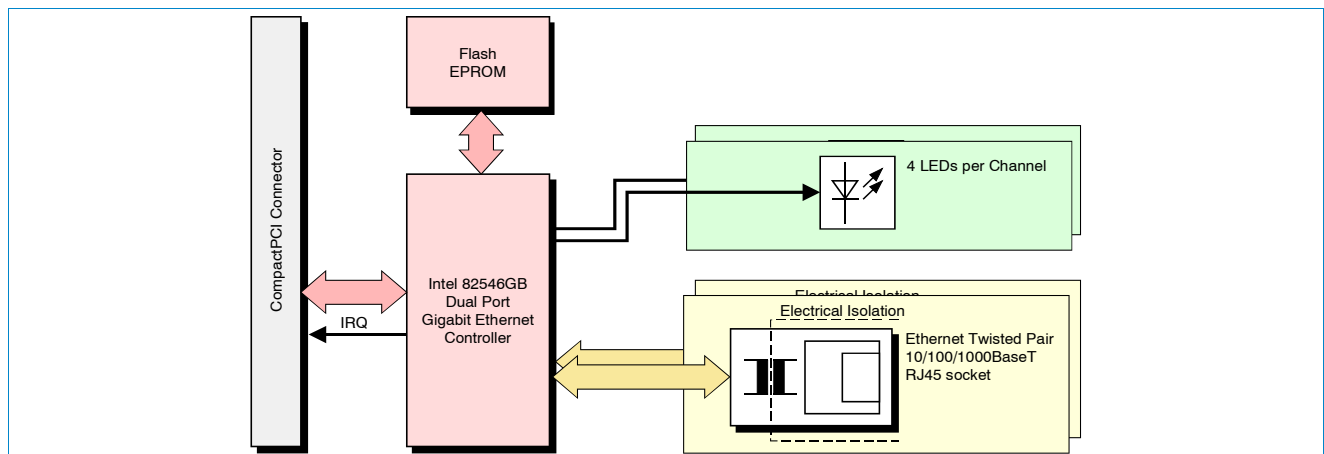
Software Support
The CPCI-ETH2 runs with the standard system drivers of Windows® NT/2000, Linux® as well as VxWorks® and QNX® for Ethernet interfaces.

EtherCAT Support
Additional Software Stacks for EtherCAT are available. The CPCI-ETH2 is capable of working with the esd EtherCAT-Master-Stack and the esd EtherCAT-Slave-Stack.
(Stacks have to be ordered separately.)

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

Technical Specifications:

Controller/CompactPCI Bus:

Controller	82546GB, Dual Port Gigabit Ethernet Controller
CompactPCI Bus	acc. to PCI Local Bus Specification 2.3, 32/64-bit, 33/66 MHz
PCI Bus Voltage	'Universal Board', 3.3 V (5 V tolerant)

Interfaces:

Ethernet	Gigabit Ethernet acc. to IEEE 802.3 (10/100/1000 BASE-T), RJ45 connector, Cat-5, 4-pair wiring (2x for CPCI-ETH2)
Process side	J1 and J2 equipped

Environment:

Conformity	EN 61000-6-2, EN 61000-6-4, EMC, RoHS, CE
Ambient temperature	0 °C ... +50 °C
Relative humidity	Max. 90 % (non-condensing)

General:

Dimensions	3 U board (100 mm x 160 mm)

Order Information:

Hardware		Order No.
CPCI-ETH2	Dual 10/100/1000 BASE-T Ethernet, CompactPCI 3U/4HP card with two Ethernet interfaces	I.2321.02