

# CPCI-ETH2 /-FX/-MX

## 1000BaseT-Ethernet and/or 1000BaseT-SX Fibre Optic

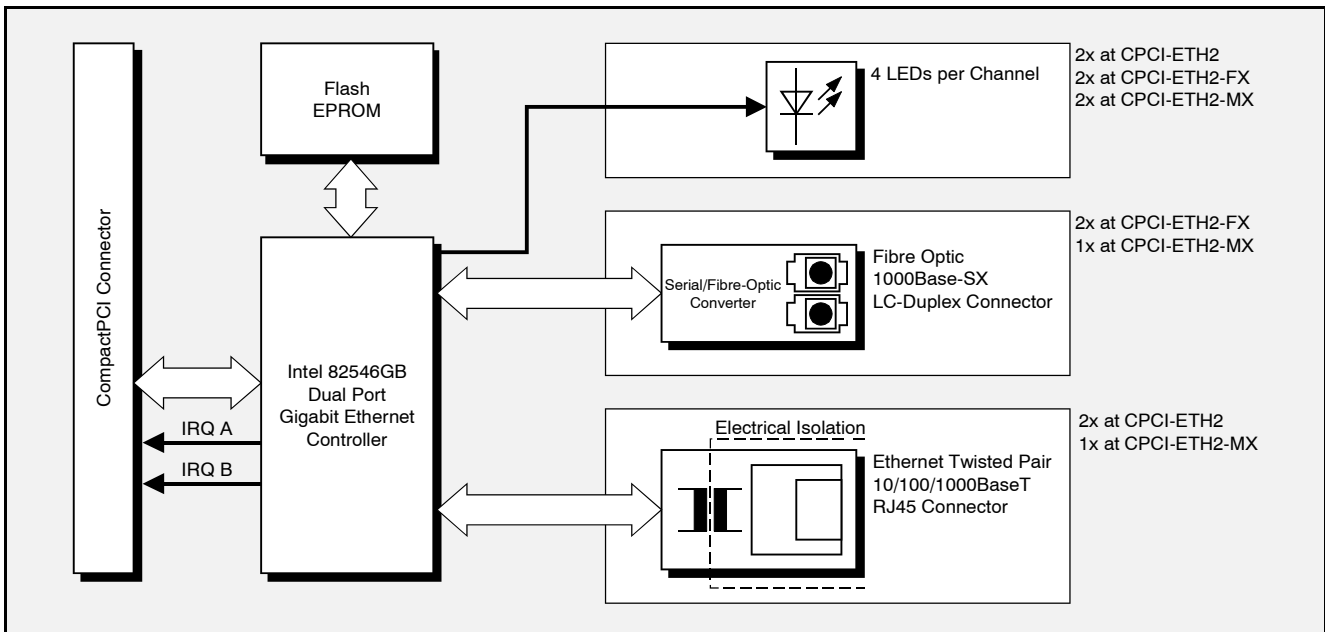
- Dual 10/100/1000 BaseT Ethernet, dual FibreOptic or mixed BaseT/FibreOptic
- standard ETHERNET driver

### Compact Solution

The module CPCI-ETH2 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, two LC-duplex connector optical interfaces or one Gigabit Ethernet and one LC-duplex connector optical interface. The interfaces are conform to IEEE802.3.

### Software Support

The board runs with the standard system drivers of Windows NT/2000, Linux as well as VxWorks and QNX for ETHERNET interfaces.



### 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

#### Interfaces:

ETHERNET: Gigabit Ethernet acc. to IEEE 802.3  
(10/100/1000 BaseT), RJ45 connector,  
Cat-5, 4-pair wiring (2x for CPCI-ETH2,  
1x for CPCI-ETH2-MX)

FibreOptic: acc. to IEEE 802.3 (1000Base-SX),  
LC-Duplex connector, Multimode fiber  
(62,5 µm or 50 µm) wiring  
(2x for CPCI-ETH2-FX, 1x for CPCI-  
ETH2-MX),  
1000Base-LX on request

#### General:

Ambient temperature: 0...50 °C

Humidity: max. 90 %, non-condensing

Dimensions: 3 U board (100 mm x 160 mm)

#### Order Information:

Designation		order no.
CPCI-ETH2	Dual 10/100/1000 BaseT Ethernet	1.2321.02
CPCI-ETH2-FX	Dual FibreOptic	1.2321.04
CPCI-ETH2-MX	Mixed BaseT/FibreOptic	1.2321.06
CPCI-ETH-ME	English user's manual	1.2321.21