



# CPCI-ETH2 /-FX/-MX

1000BaseT-Ethernet and/or 1000BaseT-SX FibreOptic

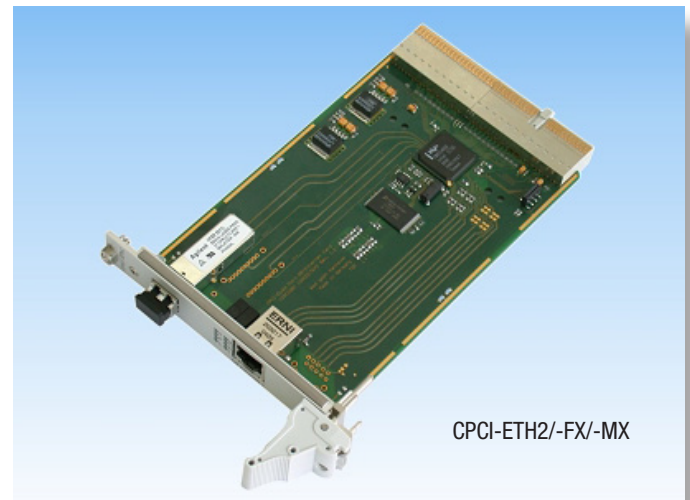
- Dual 10/100/1000 BaseT Ethernet, dual FibreOptic or mixed BaseT/FibreOptic
- Standard ETHERNET driver
- The interfaces conform to IEEE802.3
- Runs with standard system drivers of Windows NT/2000, Linux, VxWorks and QNX for Ethernet interfaces
- Intel 82546GB dual port Gigabit Ethernet controller

## 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 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.



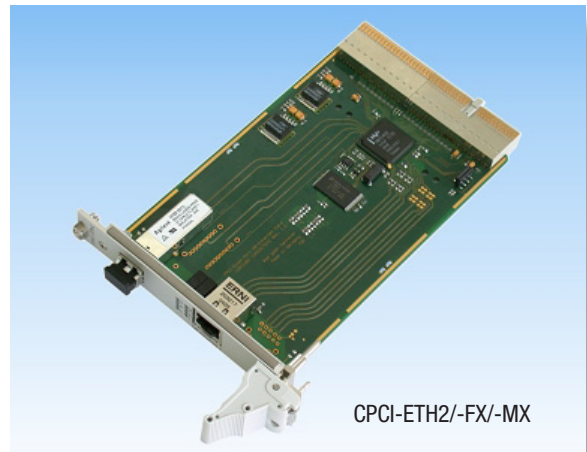
For further information please visit  
[http://www.esd-electronics-usa.com/CompactPCI - CPU PowerPC Ethernet  
CANopen DeviceNet Graphic Controller Digital I-Os Analog I-Os Serial Inter-  
face.html](http://www.esd-electronics-usa.com/CompactPCI - CPU PowerPC Ethernet CANopen DeviceNet Graphic Controller Digital I-Os Analog I-Os Serial Interface.html)

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### Technical Specifications:

| 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 CPCIETH2-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 | I.2321.02 |
| CPCI-ETH2-FX | Dual FibreOptic                 | I.2321.04 |
| CPCI-ETH2-MX | Mixed BaseT/FibreOptic          | I.2321.06 |
| CPCI-ETH-ME  | English user's manual           | I.2321.21 |

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>

