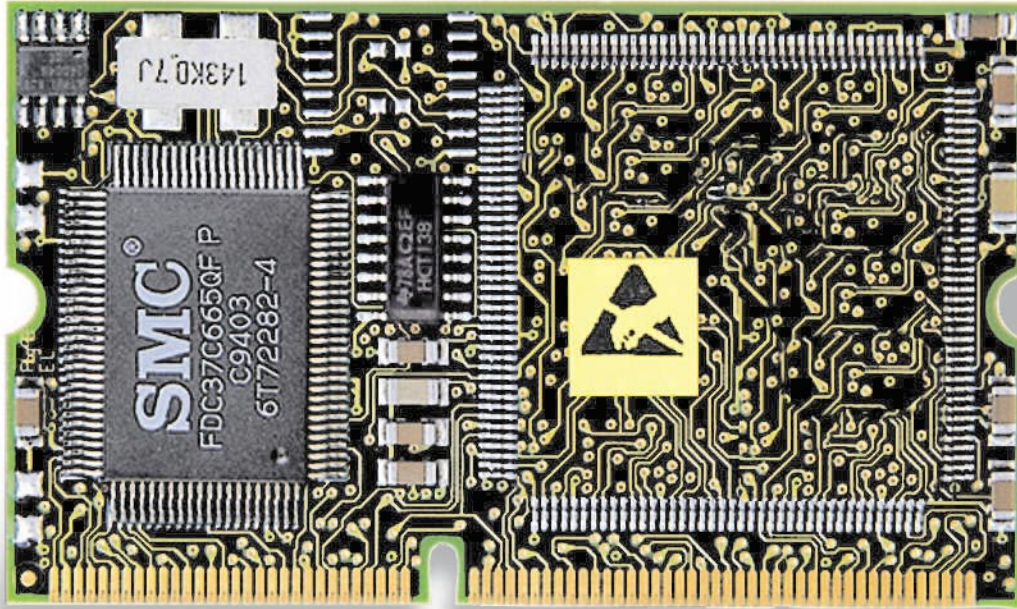




DIMM-PC/ETH+COM



➤ Full PC functionality at the size of a business card

- No active cooling required
- 2 serial interfaces and Ethernet
- Extreme compact size (40 x 67 x 6 mm)

Product Overview

The DIMM-PC/ETH+COM is an add-on module for the DIMM-PC® series.

The Ethernet part is equipped with the Crystal LAN® CS8900 ISA ethernet adapter from Crystal Semiconductor following the IEEE802.3 standard and supports half- or full-duplex operation in ISA Bus computers on 10 Mbps Ethernet networks. The controllers I/O addresses are software configurable via DOS setup programm.

The serial part is equipped with the SMC 37C665 I/O-controller and adds two more serial ports to a DIMM-PC® system. The signals of the serial ports are available on the DIMM-I/O connector in TTL levels. The customer can decide to use different types of interfaces (RS232, RS485, TTY etc.) by adding his own driver circuitry on his base board.

The DIMM-PC/ETH+COM is designed for a 144pin DIMM-connector known from notebooks as memory socket. Note that this connector is different to the used for the DIMM-PC/CPU itself. The pinout of DIMM-PC/CPU and DIMM-PC/ETH+COM are well considered, so an easy and short routing on the customers design is possible (a direct pin to pin connection).

...always a Jump ahead!

Technical Data

- **Ethernet Part:** Crystal LAN® CS8900 ISA Ethernet adapter
IEEE802.3 compilant
half and full duplex
10Mbps
selectable I/O-address
- **Serial Part:** 2 serial interfaces
16550 compatible
up to 115 kBaud
TTL signal levels
- **Power requirements:** 5V only power supply
low power CMOS
- **Dimensions:** 68 x 40 mm (2.7 x 1.6")
- **Temperature:** operation: 0° to 65°C
storage: -10° to 85°C
- **Humidity:** operation: 10% to 90%
storage: 5% to 95%
(non condensing)

Article	Part.-No.	Description
DIMM-PC/ETH+COM	08006-0000-04-0	Ethernet controller and two serial interfaces

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