

DIMM-PC/COM1

Serial Module

Technical Data

■ 2 serial interfaces

16550 compatible
Up to 115 kBaud
TTL signal levels

■ Power Supply:

5 Volt only power supply
Low power CMOS

■ Dimensions:

68x40 mm (2.7x1.6")

■ Temperature:

operation: 0° to 65°C
storage: -10° to 85°C

■ Max. humidity:

operation: 10% to 90%
storage: 5% to 95%
(do not allow condensing)

■ Mechanical:

Shock:
50 G / 20 ms

Vibration:
1 G / 0-600 Hz

Description

The DIMM-PC/COM1 is an add-on module for the **JUMPtac**® DIMM-PC® series. It 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/COM1 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/VGA1 are well considered, so an easy and short routing on the customers design is possible (most of the time direct pin to pin).

Ordering-Information

Article	Part.-No.	Description
DIMM-PC/COM1	08006-0000-02-0	Additional two serial interfaces

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