



# Highlights

- \_ Serial communication
- \_ 4 channels RS232C
- \_ 4 channels RS485
- \_ PC/104: pass-through or only PCI

# MSMX104+

## Description

The MICROSPACE® PC/104-Plus extension card MSMX104+ has an 8x UART controller from EXAR. There are 8 channels available; RS232C or RS485 interfaces can be selected. Drivers are available for Windows and Linux. The card is connected to the 32 bit PCI bus and requires only one PCI resource.

## Applications

- \_ 8-channel serial interface
- \_ High-speed UART
- \_ Protocol converter

## Technical data

|                                    |                  |
|------------------------------------|------------------|
| Type                               | MSMX104+         |
| Function                           | 8x serial        |
| ISA-BUS                            | -                |
| PCI-BUS                            | yes              |
| PCI Express-BUS                    | PC/104-Plus      |
| BUS compatibility                  | PCI              |
| Controller                         | EXAR             |
| Memory                             | -                |
| 1 <sup>st</sup> interface          | 8x 10pin header  |
| 2 <sup>nd</sup> interface          | RS232C (4x)      |
| 3 <sup>rd</sup> interface          | RS485 (4x)       |
| Power normal                       | 3.3V             |
| Power management                   | -                |
| Operating temperature              | -25°C to +70°C   |
| Extended operating temperature     | -40°C to +85°C   |
| Size (W x L x H in mm)             | 90 x 96 x 17     |
| Weight                             | 80 g             |
| Software support                   | WIN, Linux       |
| MTBF                               | >200'000h        |
| Special features 1                 | -                |
| Special features 2                 | -                |
| Special features 3                 | -                |
| Part no. (ISA + PCI)* (only PCI)** | 801660* 801661** |

## Option/accessories

| Article | Description | No. |
|---------|-------------|-----|
|         |             |     |
|         |             |     |
|         |             |     |
|         |             |     |

Manufacturer:

**DIGITAL-LOGIC**  
smart embedded computers

**DELTA COMPONENTS** GmbH · Auweg 27 · D-79761 Waldshut-Tiengen · Tel.: +49/7751/8399-0 · Fax: +49/7751/8399-99  
[www.DeltaCar-PC.de](http://www.DeltaCar-PC.de) [www.delta-components.de](http://www.delta-components.de) E-mail: [info@delta-components.de](mailto:info@delta-components.de)