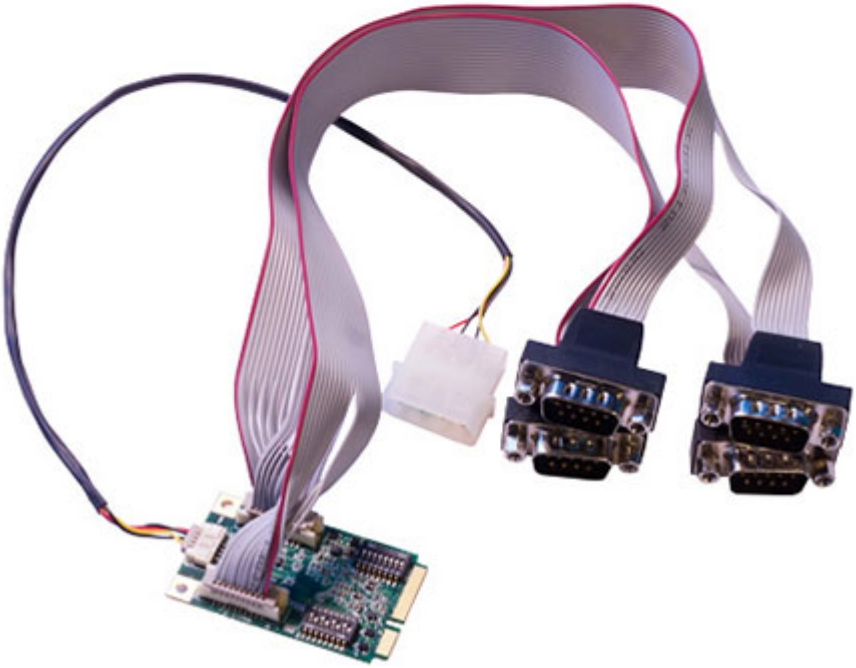
98.00 EUR
incl. 19% VAT, plus shipping

- 4x RS-232/422/485
- 15KV ESD protection
- FIFO 128 Bytes
- 5V or 12V power output



**Support:** Specifications | Manual [EN]

Successor model of MEC-COM-M134.

MEC-COM-M334 is a serial communication card for embedded PC. The card follows the Mini PCI-e standard which is complaint with PCI Express x 1 classification and small form factor (30.00 x 50.95 mm). This board fits in any host computer that has Mini PCI-e card slots.

**Top Performance**
MEC-COM-M334 has 4 RS-232/422/485 serial ports, each individual port supports 921.6 Kbps baud rate. The combination features 15KV ESD protection, FIFO 256 Bytes, HW/SW automated flow control and extended operating temperature which enhances the board's reliability and performance.

**High Usability**

MEC-COM-M334 is designed with flexibilities for many different applications. The Serial RS- 232/422/485 mode and power output can be configured by DIP switches. The accessories (bracket, connection / power input cable) are included in the standard package.

| | | |
|---|---|---|
| General | PCI-Express Revision | PCI-Express Base Specification Rev 2.0 |
| | PCI-Express Electromechanical Revision | PCI-Express Mini Card Electromechanical Rev. 2.0 |
| Hardware | Controllers | XR17V354 (16C550C compatible) |
| | Bus | Single-Lane (x1) PCI-Express with throughput up to 5.0 / 2.5Gbps |
| Interface (Connector) | RS-232 / 422 / 485 | 4 (DB9 male) |
| Serial Line Protection | ESD Protection | 15 KV on board |
| Serial Port Power | Voltage Select | 5V or 12V |
| Performance | Baud Rate | Asynchronous baud rates up to 921.6 Kbps |
| Dimensions | Width x Length (mm) | 30.00 x 50.95 |
| Serial Communication Parameters | Data Bits | 5, 6, 7, 8 |
| | Stop Bits | 1, 1.5, 2 |
| | Parity | No Parity bit<br>Odd Parity bit<br>Even Parity bit<br>Parity bit forced to 1<br>Parity bit forced to 0 |
| | Flow Control | RTS/CTS, XON/XOFF |
| Environmental Limits | Operating Temperature | -40°C ~ 85°C |
| | Storage Temperature | -40°C ~ 85°C |
| | Humidity | 5% ~ 95% |
| Serial Signals | RS-232 | TXD, RXD, RTS, CTS, DTR, DSR, DCD, GND, RI |
| | RS-422 | TXD+, TXD-, RXD+, RXD- |
| | RS-485 | DATA+, DATA- |
| Regulatory Approvals | EMC | CE, FCC |
| | EMI | EN 55022, EN61000-3-2, EN61000-3-3,<br>FCC Part 15 Subpart B Class B |
| | EMS | En 55024, IEC 61000-4-2, IEC 61000-4-3,IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6,IEC 61000-4-8, IEC 61000-4-11 |
| Driver Support | Operating Systems | Win 2000, Win XP, Win Vista, Win 7,<br>Win 8, Win 10 |
| Power Requirement | Power Consumption | 645mA@3.3V |
| Reliability | MBTF | 1,631,268 hr |