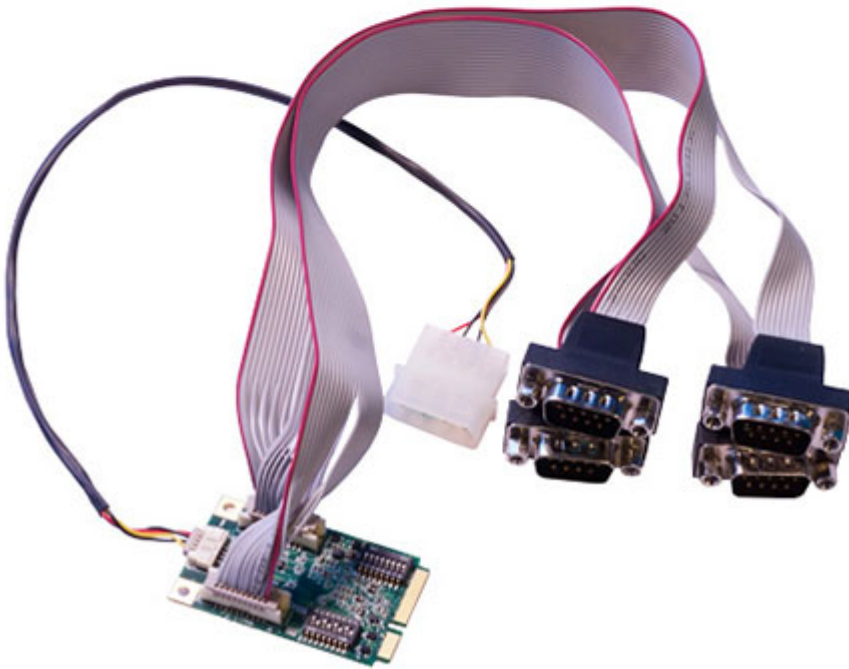


98.00 EUR

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 compliant 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                                                                                                      |
|                                 |                                        | Odd Parity bit                                                                                                     |
|                                 |                                        | Even Parity bit                                                                                                    |
|                                 |                                        | 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, 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, Win 8, Win 10                                                                  |
| Power Requirement               | Power Consumption                      | 645mA@3.3V                                                                                                         |
| Reliability                     | MTBF                                   | 1,631,268 hr                                                                                                       |