# PCM-3618
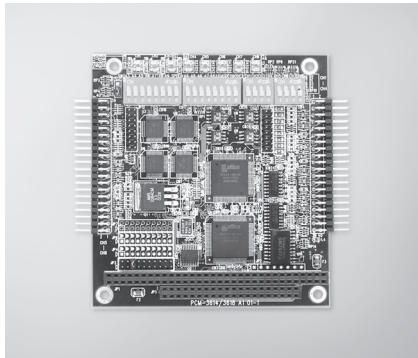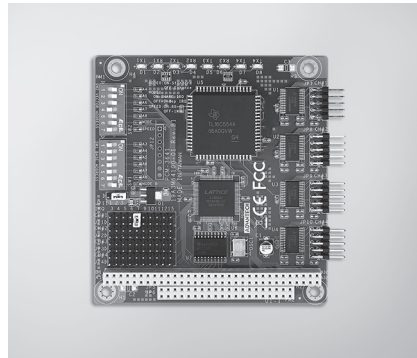# PCM-3641
# PCM-3660

8-port RS-422/485 High-speed PC/104 Module

4-port RS-232 High-speed PC/104 Module
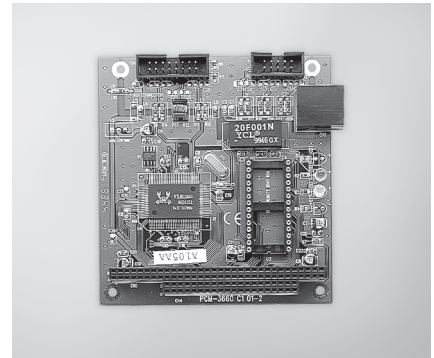
Jumperless Ethernet PC/104 Module

| PCM-3618 | PCM-3641 | PCM-3660 |

RoHS COMPLIANT 2002/95/EC  CE FCC

## Features

- Automatic RS-485 data flow control
- Shared IRQ settings for each ports
- LED indicators: TX, RX
- Supports Windows 2000/XP/Vista/7
- Supports WinCE 5.0/6.0
- Powerful and easy-to-use utility (ICOM Tools)

## Specifications

### General

- **Card Interface**    PC/104
- **Certification**     CE, FCC
- **Connectors**        8 x DB9-M
- **Ports**             8
- **Power Consumption**  +5V @ 650 mA

### Communications

- **Data Bits**          5, 6, 7, 8
- **I/O Address Range**  0 x 000 ~ 0 x 3F8
- **IRQ**                3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- **Parity**             None, Even, or Odd
- **Data Signals**       RS-422: TxD+, TxD-, RxD+, RxD-, CTS+, CTS-, RTS+, and RTS-
                         RS-485: DATA+, DATA-
- **Speed**              50 bps ~ 921.6 kbps
- **Stop Bits**          1, 1.5, 2
- **Termination Resistor** 120 Ω

### Environment

- **Operating Humidity**   0 ~ 90 % RH
- **Operating Temperature** 0 ~ 65°C (32 ~ 149°F)
- **Storage Temperature**  -25 ~ 80°C (-13 ~ 176°F)

## Features

- Transmission speeds up to 230.4 kbps
- Shared IRQ settings for each of 4 RS-232 ports
- Standard PC ports: COM1, COM2, COM3, COM4 compatible
- Supports Windows 2000/XP/Vista/7
- Supports WinCE 5.0/6.0
- Powerful and easy-to-use utility (ICOM Tools)

## Specifications

### General

- **Card Interface**    PC/104
- **Certification**     CE, FCC
- **Connectors**        4 x DB9-M
- **Ports**             4
- **Power Consumption**  +5V @ 200 mA (Typical)
                         +5V @ 250 mA (Max)

### Communications

- **Data Bits**          5, 6, 7, 8
- **Data Signals**       RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI
- **I/O Address Range**  0 x 0200 ~ 0 x 03F8
- **IRQ**                3, 4, 5, 6, 7, 9, 10, 11, 12, 15
- **Parity**             None, Even, or Odd
- **Speed**              50 bps ~ 230.4 kbps
- **Stop Bits**          1, 1.5, 2

### Environment

- **Operating Humidity**   0 ~ 90 % RH
- **Operating Temperature** 0 ~ 65°C (32 ~ 149°F)
- **Storage Temperature**  -25 ~ 80°C (-13 ~ 176°F)

## Features

- Automatically detects 8-bit or 16-bit
- AUI connector supports external MAUs
- Onboard 32 KB buffer for multi-packages

## Specifications

### General

- **Boot ROM Address**   C0000, C8000, D0000, or D8000H
- **Card Interface**     PC/104
- **Certification**      CE, FCC
- **Connectors**         1 x PC/104 stackthrough
                         1 x 10Base-T (RJ-45)
                         1 x 16-pin insulation displacement connector for AU1
- **Power Consumption**  +5V @ 400 mA max

### Communications

- **Data Bus**           8-bit, 16-bit, or auto-sending
- **I/O Address**        200, 220, 240, 260, 280, 2A0, 2C0, 300, 320, 340, 380, 3A0
- **IRQ**                3,4,5,9, 10, 11, 12 or 15
- **Standard**           IEEE 802.3 10 Mbps CSMA/CD 10Base-T Transceiver

### Environment

- **Operating Humidity**   10 ~ 90% RH
- **Operating Temperature** 0 ~ 70°C (32 ~ 158°F)
- **Storage Temperature**  -15 ~ 80°C (5 ~ 176°F)

## Ordering Information

- **PCM-3618-AE**   8-port RS-422/485 High-Speed Module

## Ordering Information

- **PCM-3641**   4-port RS-232 High-speed Module

## Ordering Information

- **PCM-3660-CE**   Jumperless Ethernet Module

**ADVANTECH**   Serial Communication Cards