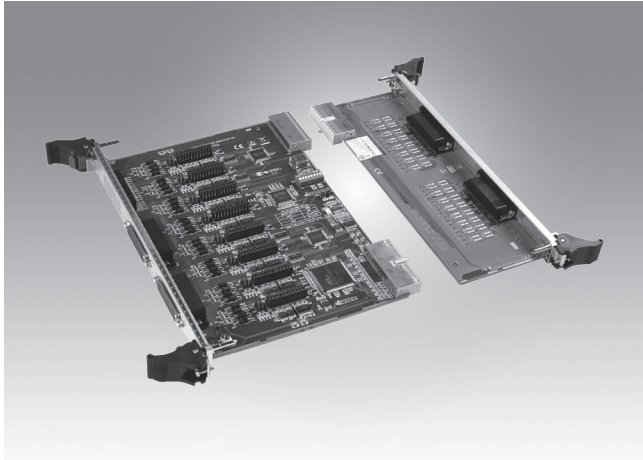


# MIC-3621

# MIC-3680

## 8-Port RS-232/422/485 6U CompactPCI® Card with Surge Protection

## 2-Port CAN-bus 3U CompactPCI® Card



MIC-3621



### Features

- CPCI Specification 2.1 compliant
- Speeds up to 921.6 kbps
- 16C954 UARTs with 128-byte standard
- 8-port RS-232/485/422
- Standard Industrial CompactPCI 6U Board size
- I/O address automatically assigned by PCI Plug & Play
- Interrupt status register for increased performance
- Automatic RS-485 data flow control
- OS support: Windows 2000/XP

### Specifications

#### Communications

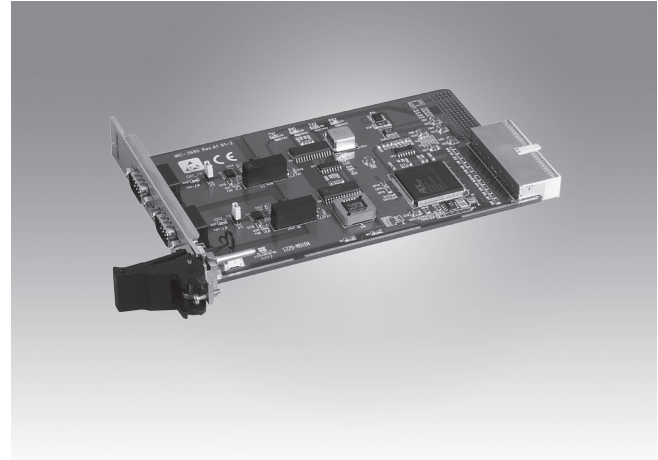
- **Communication Controller** BUS Controller: PC19030 UART:16C954 Controller
- **Data Signals -**
  - RS-232** TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND
  - RS-422** TX+, TX-, RX+, RX-, RTS+, RTS-, CTS+, CTS-, GND
  - RS-485** DATA+, DATA-, GND
- **Speed (bps)** 50-921.6k
- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, even, odd
- **IRQ** All ports use the same IRQ assigned by PCI plug & play
- **Surge Protection** 2,500 V<sub>DC</sub>

#### General

- **PICMG Compliance** CompactPCI V2.0, R 2.1 Hot swap V2.1, R 2.0
- **Bus Type** CompactPCI bus specification 2.1 compliant
- **Hotswap Support** Yes
- **I/O Connectors** 2 x DB44 (female)
- **Dimensions (LxH)** 233.35 x 160 mm (9.19" x 6.3"), 6U Bracket
- **Power Consumption** +5V, +3.3V, +12V
- **Operating Temperature** 0-70°C (32-158°F) (refer to IEC68-2-1, 2)
- **Storage Temperature** -20-80°C (-4-176°F)
- **Storage Humidity** 5-95%, Relative Humidity, non-condensing (refer to IEC 68-1, -2, -3)

### Ordering Information

- **MIC-3621RE** 6U CompactPCI 8-port RS-232/485/422 Front I/O Card and Rear I/O Support
- **MIC-3621RIOE** 6U CompactPCI Rear I/O Module for MIC-3621RE



MIC-3680/3



### Features

- CompactPCI specification PICMG 2.0 R3.0 compatible
- Hot swap support
- Two individual CAN ports
- Supports CAN2.0 A/B
- High speed transmission up to 1 Mbps
- 16 MHz CAN controller frequency
- Optical isolation up to 2,500 V<sub>DC</sub>
- Microsoft Windows DLL library and examples included
- Supports Windows 98/2000/XP drivers and utility
- Supports Rear I/O

### Specifications

#### Communications

- **CAN Controller Frequency** 16 MHz
- **CAN Transceiver** 82C250
- **Communication Controller** SJA-1000
- **Ports** 2
- **Protocol** CAN 2.0 A/B
- **Signal Support** CAN\_H, CAN\_L, GND
- **Speed (bps)** Up to 1 Mbps programmable transfer rate
- **Isolation Protection** 2,500 V<sub>DC</sub>

#### General

- **PICMG Compliance** CompactPCI V2.0, R 3.0 Hot swap V2.1, R 2.0
- **Bus Type** CompactPCI
- **I/O Connectors** 2 x DB9-M
- **Dimensions (L x H)** 160 x 100 mm (6.3" x 3.9")
- **Power Consumption** 5 V @ 400 mA (Typical)
- **Operating Temperature** 0 ~ 65°C (32 ~ 149°F)
- **Storage Temperature** -25 ~ 85°C (-13 ~ 185°F)
- **Storage Humidity** 5 ~ 95% RH, non-condensing

### Ordering Information

- **MIC-3680/3-AE** 3U CompactPCI 2-port Isolated CAN Communication Card