

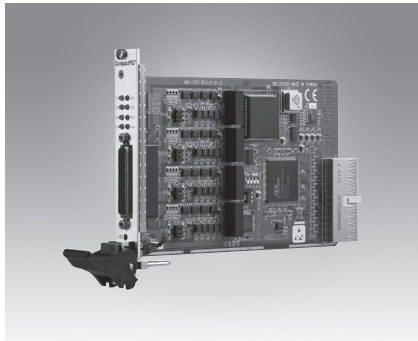
MIC-3611

MIC-3612

MIC-3620

4-port RS-422/485 3U CompactPCI® Card with Surge and Isolation Protection
4-port RS-232/422/485 3/6U CompactPCI® Card

8-port RS-232 3U CompactPCI® Card



MIC-3611/3

CE FCC

Features

- PCI Specification 2.1x compliant
- Speeds up to 921.6Kbps
- 16C954 UARTs with 128-byte standard
- Standard Industrial 3U/6U sized CPCPCI Board size
- I/O address automatically assigned by PCI Plug-and-Play
- OSs supported: Windows 98/2000/XP
- Surge protection: 2,000 V_{DC}
- Isolation protection: 2,500 V_{DC}
- Interrupt status register for increased performance
- Space reserved for termination resistors(for RS-422/485)
- Automatic RS-485 data flow control

Specifications

Communications

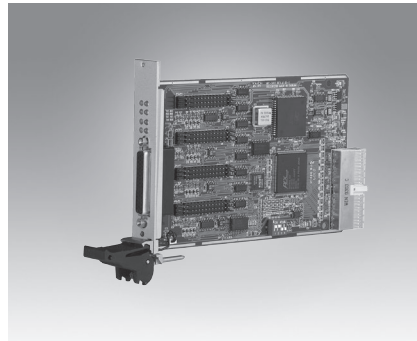
- Communication** BUS controller: PLX9030
Controller UART: 16C954
UART with 128-byte FIFOs
- IRQ** All ports use the same IRQ assigned by PCI Plug-and-Play
- Data Bits** 5, 6, 7, 8
- Stop Bits** 1, 1.5, 2
- Parity** none, even, odd
- Speed** 50bps ~ 921.6 Kbps
- Data Signals** Tx/D, Rx/D, RTS, CTS (for RS-422/485)
- Surge Protection** 2,000 V_{DC}
- Isolation Protection** 2,500 V_{DC}

General

- Bus Type** CompactPCI bus specification 2.1 compliant
- I/O Connectors** DB44 and four RS422/485 DB9 male
- Dimensions (L x H)** 160 x 100 mm (6.3" x 3.9"), 3U bracket
- Power Consumption** +5 V @ 600 mA
- Operating Temperature** 0 ~ 60°C (32 ~ 140°F)
- Storage Temperature** -20 ~ 80°C (-4 ~ 176°F)
- Operating Humidity** 5 ~ 95% Relative Humidity, non-condensing
- Certification** CE, FCC

Ordering Information

- MIC-3611/3-AE** 4-port RS-422/485 3U CompactPCI communication card w/isolation & surge protection



MIC-3612/3

CE

Features

- PCI Specification 2.1 compliant
- Speeds up to 921.6 kbps
- 4-port RS-232/422/485
- Surge protection
- 16C954 UARTs with 128-byte standard
- Standard Industrial CompactPCI® 3U Board size
- I/O address automatically assigned by PCI Plug & Play
- OSs supported: Windows® 98/2000/XP, Linux 2.4
- Interrupt status register for increased performance
- Automatic RS-485 data flow control
- Tx/Rx LED indicator

Specifications

Communications

- Communication** BUS controller: PLX9030
Controller UART: 16C954
- Data Bits** 5, 6, 7, 8
- Data Signals** Tx/D, Rx/D, RTS, CTS, DTR, DSR, DCD, RI, GND (for RS-232)
Tx/D, Rx/D, RTS, CTS (for RS-422)
DATA+, DATA- (for RS-485)
- IRQ** All ports use the same IRQ assigned by PCI Plug & Play
- Parity** None, even, odd
- Speed (bps)** 50 ~ 921.6 k
- Stop Bits** 1, 1.5, 2

General

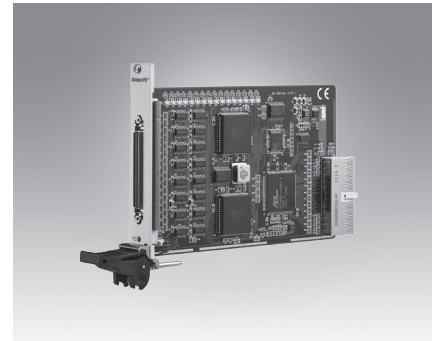
- PICMG Compliance** CompactPCI V2.0, R 3.0
Hot swap V2.1, R 2.0
- Bus Type** CompactPCI V2.1
- I/O Connectors** DB 44pin female
- Dimensions (L x H)** 160 x 100 mm (6.3" x 3.9"), 3U bracket
- Power Consumption**

	Typical	Max.
+5 V	220 mA	285 mA
+3.3 V	100 mA	200 mA
+12 V	60 mA	80 mA

- Operating Temperature** 0 ~ 70°C (32 ~ 158°F) (IEC68-2-1, 2)
- Storage Temperature** -20 ~ 80°C (-4 ~ 176°F)
- Operating Humidity** 5 ~ 95% RH, non-condensing (IEC 68-2-1, 2)

Ordering Information

- MIC-3612/3-AE** 3U CompactPCI 4-port RS-232/422/485 Card
- MIC-3612/6-AE** 6U CompactPCI 4-port RS-232/422/485 Card



MIC-3620/3

CE FCC

Features

- PCI Specification 2.1 compliant
- Speeds up to 921.6 kbps
- 16C954 UARTs with 128-byte standard
- 8-port RS-232
- Standard Industrial CompactPCI 3U Board size
- I/O address automatically assigned by PCI Plug & Play
- OSs supported: Windows 98/2000/XP, Linux 2.4
- Interrupt status register for increased performance

Specifications

Communications

- Communication** PCI9030 + 16C954 Controller
- Data Bits** 5, 6, 7, 8
- Data Signals** Tx/D, Rx/D, RTS, CTS, DTR, DSR, DCD, RI, GND
- IRQ** All ports use the same IRQ assigned by PCI Plug & Play
- Parity** None, even, odd
- Speed (bps)** 50 ~ 921.6 k
- Stop Bits** 1, 1.5, 2

General

- PICMG Compliance** CompactPCI V2.0, R 3.0
Hot swap V2.1, R 2.0
- Bus Type** CompactPCI bus specification 2.1 compliant
- I/O Connectors** SCSI 68-pin female
- Dimensions (L x H)** 160 x 100 mm (6.3" x 3.9"), 3U Bracket
- Power Consumption** +5 V, +3.3 V, +12 V
- 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 (IEC 68-2-1, 2)

Ordering Information

- MIC-3620/3-AE** 3U CompactPCI 8-port RS-232 Card