

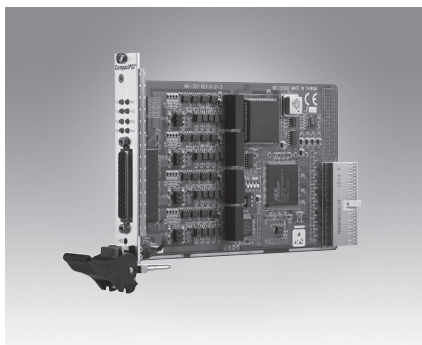
MIC-3611

MIC-3612

MIC-3620

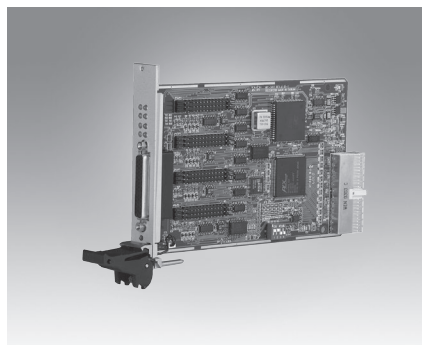
4-port RS-422/485 3U CompactPCI® Card with Surge and Isolation Protection
4-port RS-232/422/485 3/6U CompactPCI® Card

8-port RS-232 3U CompactPCI® Card



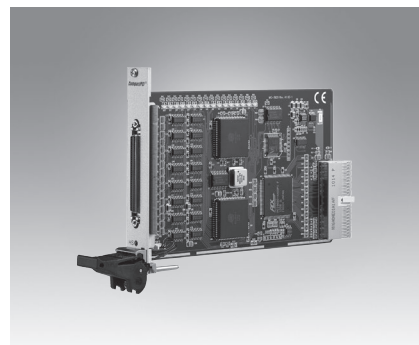
MIC-3611/3

CE FCC



MIC-3612/3

CE



MIC-3620/3

CE FCC

Features

- PCI Specification 2.1x compliant
- Speeds up to 921.6Kbps
- 16C954 UARTs with 128-byte standard
- Standard Industrial 3U/6U sized CPCI 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** TxD, RxD, 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

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
5, 6, 7, 8
- **Data Bits** TxD, RxD, RTS, CTS, DTR,
DSR, DCD, RI, GND
(for RS-232)
- **Data Signals** TxD, RxD, 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

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** TxD, RxD, 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

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