cPCI-3534/3538 Series

4/8-port Asynchronous Serial Communications Modules ▶•

cPCI-3534

cPCI-3534R

cPCI-3538

cPCI-3538R

Features

- **32-bit CompactPCI, PICMG 2.0 Rev 2.1**
- **Plug-and-play, IRQ & I/O address automatically assigned by PCI BIOS**
- **4/8 asynchronized communications ports with intelligent buffer**
- **Three RS-232 ports and one isolated RS-422/485 port with 2500Vrms isolation voltage for cPCI-3534**
- **Eight RS-232 ports for cPCI-3538**
- **Support up to 2 cards per system**
- **Suitable for modems, data display, data collection, telecommunications**
- **Rear I/O version is available for cPCI-3534R and cPCI-3538R**
- **Support multiple OS**
- **Surge protector in TXD/RXD signal line**
- **Rugged DB-37 connector for cPCI-3534**
- **Rugged DB-62 connector for cPCI-3538**

Applications

- **Factory automation**
- **Distributed monitoring & control systems**
- **Telecommunications**
- **POS systems**
- **Stock market systems**
- **Traffic control systems**

Software Support

- *Windows® 2000/ME/XP*
- *Linux drivers*

Specifications

Serial communications controller	16C550A compatible
System I/O mapping	Assigned by PCI BIOS
	Shared IRQ
Port capability of cPCI-3534	3 independent RS-232 ports
	1 isolated switch selectable RS-422/485 port
	RS-485 support auto-direction control
	Max. two cards per system (8-port max.)
Port capability of cPCI-3538	8 independent RS-232 ports
	Max. two cards per system (16-port max.)
Baud rate	Each port can be configured to 50~115,200 bps
Flow control	Xon/Xoff control
(for RS-232 only)	RTS/CTS control
Isolation voltage	2500 V$_{RMS}$ for RS-422/485 port of cPCI-3534
Connector	DB37 female connector for cPCI-3534
	DB62 female connector for cPCI-3538
Cable	External cable with 4 standard DB25 (C425M) / DB9 (C409M) connectors for cPCI-3534
	External cable with 8 standard DB25 (C825M) / DB9 (C809M) connectors for cPCI-3538
Operating temperature	0 to 60˚C
Storage temperature	-20 to 70˚C
Humidity	5% to 95%, non-condensing
Cable	External cable with 4 standard DB25 (C425M) / DB9 (C409M) connectors for cPCI-3534
	External cable with 8 standard DB25 (C825M) / DB9 (C809M) connectors for cPCI-3538
Operating temperature	0 to 60˚C
Storage temperature	-20 to 70˚C
Humidity	5% to 95%, non-condensing

Ordering Information

cPCI-3534	4-port async serial communications module
cPCI-3534R	4-port async serial communications module with rear I/O support
C409M	DB-37 to four DB-9 male cable
C425M	DB-37 to four DB-25 male cable
cPCI-3538	8-port async serial communications module
cPCI-3538R	8-port async serial communications module with rear I/O support and C809M
C809M	DB-62 to eight DB-9 male cable
C825M	DB-62 to eight DB-25 male cable

1 Software

2 GEME Series

3 DPAC

4 Motion Control

5 Vision

6 HSL

7 Industrial Communication

8 CompactPCI system & Industrial Computers

9 NuDAM