cPCI-3534/3538 Series

4/8-port Asynchronous Serial Communications Modules

cPCI-3534

cPCI-3534R

cPCI-3538

cPCI-3538R

ADLINK GREEN RoHS Compliant

1 Software & Utilities

2 DAQ

3 PXI

4 Modular Instruments

5 GPIB & Bus Expansion

6 PAC

7 Motion

8 Real-time Distributed I/O

9 Remote I/O

10 Communi- cations

11 Vision

12 Fanless I/O Platforms

13 cPCI & Industrial Computers

14 Accessories

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/RS-485 port with 2500 V$_{RMS}$ isolation voltage (cPCI-3534)
- Eight RS-232 ports (cPCI-3538)
- Supports 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 to 115,200 bps
■ Flow Control (for RS-232 only)	Xon/Xoff control
	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˚C to +60˚C
■ Storage Temperature	-20˚C 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˚C to +60˚C
■ Storage Temperature	-20˚C 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