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/RS-485 port with 2500 VRMS 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	Type: 16C550A compatible
System I/O Mapping	Assigned by PCI BIOS
	Shared IRQ
Port Capability	cPCI-3534: 3 independent RS-232 ports, and 1 isolated switch selectable RS-422/485 port
	cPCI-3538: 8 independent RS-232 ports (Max. two cards per system, 8-port max.)
Baud Rate	Each port can be configured to 50 to 115,200 bps
Isolation Voltage	2500 VRMS
Connector	DB37 female connector for cPCI-3534
	DB62 female connector 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

Ordering Information

- **cPCI-3534**
  4-port asynchronous serial communications module
- **cPCI-3534R**
  4-port asynchronous serial communications module with rear I/O support
- **cPCI-3538**
  8-port asynchronous serial communications module
- **cPCI-3538R**
  8-port asynchronous serial communications module with rear I/O support and C809M

Accessories

- **C409M**
  DB-37 to four DB-9 male cable for cPCI-3534
- **C425M**
  DB-37 to four DB-25 male cable for cPCI-3534
- **C809M**
  DB-62 to eight DB-9 male cable for cPCI-3538
- **C825M**
  DB-62 to eight DB-25 male cable for cPCI-3538

Updated 03-28, 2012. ©2012 ADLINK Technology, Inc. All Rights Reserved. All specifications are subject to change without further notice.