

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 asynchronous 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

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