

# cPCI-3534/3538 Series

## 4/8-port Asynchronous Serial Communications Modules



### 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 V<sub>RMS</sub> 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<br>Shared IRQ  |
| ■ Port Capability                  | cPCI-3534: 3 independent RS-232 ports, and 1 isolated switch selectable RS-422/485 port<br>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 V <sub>RMS</sub>   |
| ■ Connector                        | DB37 female connector for cPCI-3534<br>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<br>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