

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-422/485 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 (for RS-232 only)	Xon/Xoff control RTS/CTS control
Isolation voltage	2500 VRMS 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

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GEME
Series

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DPAC

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Vision

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HSL

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Industrial
Communication

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CompactPCI
system &
Industrial
Computers

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NuDAM