

cPCI-3544 Series

4-port RS-422/RS-485 Isolated Serial Communications Modules



Specifications

■ Serial Communications Controller	I6C550A compatible
■ System I/O Mapping	Assigned by PCI BIOS Shared IRQ
■ Port Capability	4 independent isolation RS-422/RS-485 ports (switch selectable) Max. 8 cards per system (32 ports max.)
■ Baud Rate	Each port can be configured to 50 to 115,200 bps
■ Isolation Voltage	1000 V _{RMS} RS-485 ports support auto-direction flow control Supports rear I/O option for cPCI-3544R
■ Connector	DB37 female connector
■ Operating Temperature	0°C to +60°C
■ Storage Temperature	-20°C to +70°C
■ Humidity	5% to 95% non-condensed

Features

- 32-bit CompactPCI, PICMG 2.0 Rev 2.1
- Plug-and-play, IRQ & I/O address automatically assigned by PCI BIOS
- Four asynchronous communications ports with intelligent buffer
- Four RS-422/RS-485 ports
- 1000 V_{RMS} isolation voltage
- Suitable for modems, data display, data collection, telecommunications
- Supports Multiple OS
- Surge protectors
- Rugged DB37 connector
- Only support CompactPCI interface 5V (I/O)

Applications

- Factory automation
- Distributed monitoring and control systems
- Telecommunications
- POS systems
- Stock market systems
- Traffic control systems

Software Support

- Windows® 2000/XP/XP Embedded/NT/95/98
- Linux drivers

Ordering Information

- **cPCI-3544**
Isolated 4-port RS-422/RS-485 serial communications module
- **cPCI-3544R**
Isolated 4-port RS-422/RS-485 serial communications module with rear I/O support

Accessories

- **C409M**
DB37 to four DB9 male cable
- **C425M**
DB37 to four DB25 male cable