cPCI-3544 Series

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



Specifications

Serial Communications Controller	16C550A 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 VRMS
	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 asynchronized communications ports with intelligent buffer**
- **Four RS-422/RS-485 ports**
- **1000 VRMS 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

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