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	2500 V$_{RMS}$
	RS-485 ports support auto-direction flow control
	Supports rear I/O option for cPCI-3544R
Connector	DB37 female connector
Cable	External cable with 4 standard DB25 (C425M) / DB9 (C409M) connectors
Working 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

2500 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 V(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
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

C409M
DB37 to four DB9 male cable

C425M
DB37 to four DB25 male cable