

You are here: Industrial Automation > Automation Controllers> Motion Control I/O Modules> Decentralized Motion Control Solutions> **PCM-3202I**

Live Chat

PCM-3202I

RoHS

Email page

2-port AMONet RS-485 PCI-104 Master Card



Datasheet (PDF)

Manual/ Driver/ BIOS/ FAQ

Main Features

- Max 20 Mbps transfer rate
- Supports 2 independent AMONet RS-485 rings
- Supports up to 128 AMONet RS-485 slave modules
- Easy installation with Box Header and LED diagnostics
- Max 100 m (20 Mbps/32 slave modules) communication distance

Introduction

PCM-3202I is a PCI-104 interface card which supports two AMONet RS-485 master rings, and transfers data between host and slaves directly without any operations in between. Each ring can control up to 2048 I/O points, 256 axes, or a combination of I/O points and axes for motion control. The ring can support up to 20 Mbps transfer rate and a maximum communication distance of up to 100 meters.

The communication between master and slave is based on a customized RS-485 solution that saves wires, covers a long distance, supports high-speed communication and has time-deterministic features. The communication interface between master and host PC is accomplished by memory mapping. Various functions can be chosen on the slave modules, and standard industrial DIN-rail mounting design makes it easy to distribute them in the field. The master collects information from slave modules and publishes the information to its host PC.

Ordering Information

Part Number	Description
PCM-3202I-AE	RoHS 2-port PCI-104 AMONet RS-485 Master Card

Accessory

Part Number	Description
AMAX-2210-AE	1-Axis AMONet RS-485 Slave Module
AMAX-2211/PMA-AE	1-Axis Motion Slave for Panasonic Minas A
AMAX-2212/J2S-AE	1-Axis Motion Slave for Mitsubishi MR-J2S
AMAX-2213/YS2-AE	1-Axis Motion Slave for Yaskawa Singma-II
AMAX-2241/PMA-AE	4-Axis Motion Slave for Panasonic Minas-A
AMAX-2242/J2S-AE	4-Axis Motion Slave for Mitsubishi MR-J2S
AMAX-2243/YS2-AE	4-Axis Motion Slave for Yaskawa Sigma 2
AMAX-2752SY-AE	32-channel Isolated Digital Input Module
AMAX-2754SY-AE	32-channel Isolated Digital Output Module
AMAX-2756SY-AE	32-channel Isolated Digital I/O Module
PCL-10150M-2E	Cable 50-Pin SCSI, Ribbon type,2M
PCL-10220M-2E	SCSI-20 Ribbon-Type Cable with 2 connectors, 2m

Contact Information

Office	Phone	Email
Advantech U.S.A., Industrial Automation Group	+30-210-96 35 100 click to chat	EAInfo@advantech.com
Advantech Headquarters, Industrial Automation Group		IA@advantech.com.tw
Advantech Europe Customer Care Center, Industrial Automation Group	00-800-2426-8081 click to chat	EAcustomercare@advantech.eu

Rate this page :

Did the information help you achieve your goal?

☐ Yes ☐ No

* Your eMail address: Your Company

* Your Country:

USA

Please provide us with comments to help improve this page:

Submit

Resources Download

eCatalog

Podcast

Whitepaper

- Connecting and Controlling the Food and Beverage Industries
- Switch with Confidence: Avoiding the Pitfalls with Industrial Managed Switches
- Information on Screen: Video Surveillance in Industrial Automation
- The Benefits of PAC Solutions
- Using HMI's to Lower Your Cost of Ownership
- Making the Smart Grid Work
- Divide and Conquer: Multi-Core Processors and Automation Applications
- Power over Ethernet: Myths, Mystery, and the Facts
- Next Generation of Embedded Computing Platforms
- High Availability Architecture for Ethernet in Manufacturing
- The Rise of the Programmable Automation Controller
- Benefiting from Industrial Ethernet at the Device Level with Smart Remote I/O and Peer-to-Peer Technology
- Getting Data from Manual Processes in the Enterprise
- Best Practices for Networking Automation Computers
- Enabling Serial Devices in High Availability Manufacturing
- What Does an Automation Computer Look Like?
- Chasing Moore's Law – The Truth Behind the OS and CPU Upgrades for Industrial PC Users
- The Advantages of Small Form Factor HMI
- Save with the Right Distributed Motion Control
- Carrying Serial Devices into the Future

Services

Buy Online

Featured Articles

- Remote IO
- PC-based controller
- Industrial panel pc
- PCI data acquisition
- Industrial Touch Screen
- Industrial IO
- IO modules
- Remote Data Acquisition
- Industrial monitors
- Serial device server
- Industrial communication
- Industrial ethernet switch
- Ethernet Data Acquisition
- Ethernet to serial converter
- Ethernet IO modules
- Distributed IO modules
- Data acquisition modules
- Human machine interface
- Digital IO cards
- Fanless PC