

PM-1004/1028-4/1028-8

4-port non-isolated RS-232/422/485 serial communication PC/104 module



PM-1004

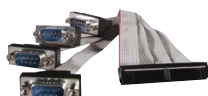


P/N: 32200-026800-RS
Shipped with 4-port RS-422/485 connection cable

4-port/8-port non-isolated RS232 serial communication PC/104 modules



PM-1028



P/N: 32200-025400-RS
Shipped with 4-port RS-232 connection cable

PM-2004/2008

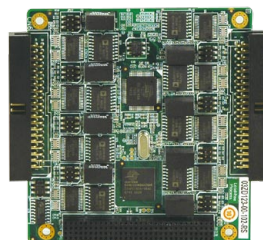
4 port / 8 port isolated RS-232/422/485 serial communications PCI-104 module



PM-2004



4 x DB9 connector



PM-2008



Flat Cable

Features

1. PC/104 form factor
2. 16C554 UART controller
3. Four jumper selectable RS-232 or RS-422/485 serial communication ports
4. Supports shared IRQ or independent IRQ mode
5. Jumper selectable interrupt level
6. MAX. baud rate: 921.6kb/s
7. Windows® NT, Windows® 2000, Windows® XP, Windows® CE and Linux driver support

Specifications

	PM-1004	PM-1028-4	PM-1028-8
Bus Interface	PC/104		
Number of Ports	4-port	4-port	8-port
Interrupt Level	3, 4, 5, 7, 9, 10, 11, 12		
Chipset	TI 16C554A		
Bard Rate	921.6 Kbps (max.) at 14.745MHz clock input		
Seiral Port	16C550-compatible UARTs		
Connectors (40-pin; 2.54 box header)	4-port RS-232/RS-422/RS-485 x 1	4-port RS-232 x 1	4-port RS-232 x 2
Power Consumption	+5V@0.6A (max.)		
Temperature Operating	0°C ~ 60°C		
Dimensions	96 mm x 90 mm		
Driver Support	Windows®NT, Windows®2000, Windows®XP, Windows®CE and Linux		

Packing List

- 1 x 4-port non-isolated RS-232/422/485 serial communications PC/104 module
- 1 x 4-port RS-422/485 connection cable (P/N: 32200-026800-RS)
- 1 x Utility CD
- 1 x RS-232 Cable (P/N: 32200-025400-RS)
- 1 x Mini jumper pack

Ordering Information

Part No.	Description
PM-1004-R20	4-port non-isolated RS-232/422/485 serial communications PC/104 module

Features

1. PCI-104 form factor
2. mPCI954+16C954 UART Controller
3. 4 port / 8 port Isolated RS-232/422/485
4. Support Shared IRQ
5. PCI Revision 2.1 compliant
6. Isolated protection
7. 128-byte deep FIFO per transmitter and receiver

Specifications

	PM-2004	PM-2008
Bus Interface	PC/104	
Number of Ports	4-port	8-port
Data Bits	5, 6, 7, 8	
Stop Bits	1, 1.5, 2	
Plarity	None, Even, Odd	
Speed (bps)	50 ~ 921.6 K	
Connectors	1 x COM port cable with 4 x DB9 connector	2 x COM port cable with 4 x DB9 connector
Max Speed (bos)	RS232 250K 4M RS422 4M RS485 250K 4M	RS232 250K 4M RS422 4M RS485 4M
ESD Protect (Human Body Mode)	±15KV	±15KV
IEC-1000-4-2 Contact Discharge	±8KV	±8KV
IEC-1000-4-2 Air Discharge	±15KV	±15KV
Isolated Protection (Vrms)	2500	2500
Signals	Full Function 2/4 Wired	Full Function 2/4 Wired
Power Consumption	5V@0.45A	
Temperature Operating	-5°C ~ 65°C (23°F ~ 149°F)	
Humidity Operating	5% ~ 95% non-condensing	
Dimensions	96 mm x 90 mm	
Driver Support	Windows®2000, Windows®XP, Windows®XPe and Linux	

Packing List

- 1 x PCI-104 8-Port Isolated RS-232/422/485 Module
- 2 x COM port cable with 4xDB9 connector (P/N: 32000-088800-RS)
- 2 x Flat Cable (P/N: 32200-076000-RS)
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG

Ordering Information

Part No.	Description
PM-2008-R10	8-port isolated RS-232/422/485 serial communications PCI-104 module

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Industrial Data Collection

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network Communication/Peripherals