C104H Series

4-Port RS-232 ISA Boards

Features

- **4-port RS-232 High Speed Communication Board**
- **Compact ISA board size**
- **Versatile OS driver support**
- **Data transmission speed up to 921.6 Kbps**
- **On-chip hardware flow control**
- **Easy configuration without switches or jumpers**
- **Economic solution**
- **Convenient connection cables**

CE FC

Overview

TThe C104H Series allows you to install additional RS-232 serial communication ports on your PC by providing 4 serial ports per board for connecting all types of serial device, including terminals, modems, printers, data acquistion equipment, and more. C104H's versatile OS driver support fulfills the needs of our customers' varied applications. This product is available for use on either a PCI or ISA bus, with both types offering a reliable and high performance solution for serial multiport communications.

Supported OS Drivers

MOXA's COM port driver not only supports all major operating systems, but also the following dedicated operating systems for customers' special needs.

DOS　　　　　**SCO UnixWare 2.1**

UnixWare 7
SCO OpenServer
SCO UNIX
SCO XENIX
QNX 4.2x
FreeBSD
Linux

Specifications

Hardware
I/O controller: 16C550C or compatible x 4
Interface
Bus: 16-bit ISA
Signals: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
Performance
Speed: 50 bps to 921.6 Kbps
Max. No. of ports: 16 (4 boards)
Configuration
Parity: None, Even, Odd, Space, Mark
Data bits: 5, 6, 7, 8
IRQ: 2(9), 3, 4, 5, 7, 10 (Default), 11, 12, 15
I/O address: 0x0000 - 0xFFFF (Default: 0x180)

Operating Systems:
Windows 95/98/ME/NT/2000/XP/2003, Linux
(For more details, refer to the OS support section.)

Power and Environment
Power Requirements: 100 mA max. (+5V),
40 mA max. (+12V), 60 mA max. (-12V)
Surge Protection:
25 KV ESD, 2 KV EFT (C104 HS, for all RS-232 Signals)
Operating Temperature: 0 to 55°C
Storage Temperature: -20 to 85°C
Regulatory Approvals: CE Class A, FCC Class A
Operating Humidity: 5 to 95% RH
Dimensions: 157 x 93 mm (W x D)

◤ Connection Options

Male DB9
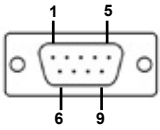
PIN	DB9(M)	PIN	DB9(M)
1	DCD	5	GND
2	RxD	6	DSR
3	TxD	7	RTS
4	DTR	8	CTS

CBL-M37M9x4-30
(DB37 to male DB9 x 4)

OPT4-M9A
(DB37 to male DB9 x 4)

Male DB25
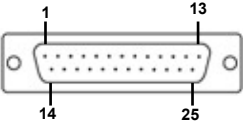
PIN	DB25(M)	PIN	DB25(M)
2	TXD	6	DSR
3	RxD	7	GND
4	RTS	8	DCD
5	CTS	20	DTR

CBL-M37M25x4-30
(DB37 to male DB25 x 4)

8-Pin RJ45
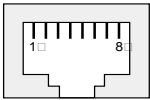
PIN	RJ45	PIN	RJ45
1	DSR	5	RxD
2	RTS	6	DCD
3	GND	7	CTS
4	TxD	8	DTR

OPT4-RJ45A
(DB37 to 8-Pin RJ45 x 4)

◤ The Best Choice for POS Solutions
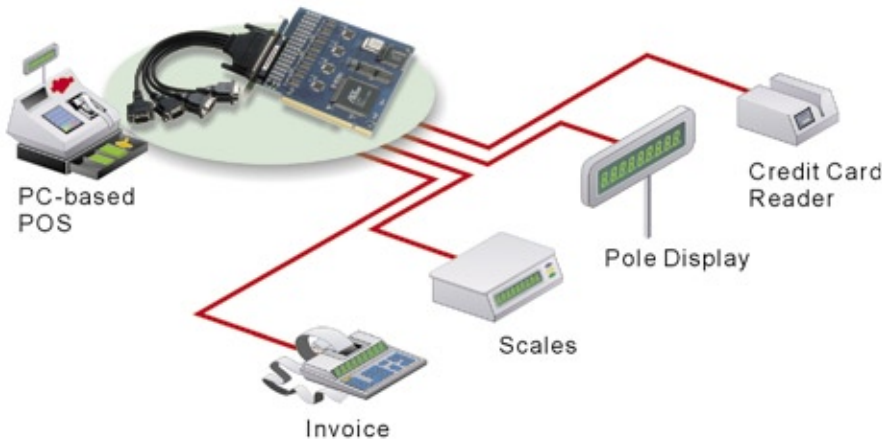
◤ Ordering Information

C104H: ISA bus, 4-port serial board

C104HS: ISA bus, 4-port serial board w/ Surge Protection

All items include:

- CBL-M37M25x4-30 or CBL-M37M9x4-30 Connection cable
- C104H or C104HS board with standard bracket
- Documentation & Software CD-ROM
- Quick Installation Guide

Optional Connectors

Opt4-M9A: 4-port male DB9 connection box

Opt4-RJ45A: 4-port 8-pin RJ45 connection box

CBL-M37M9x4-30: 4-port male DB9 connection cable

CBL-M37M25x4-30: 4-port male DB25 connection cable

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