C168H Series

8-port RS-232 ISA Boards

Features

> **8-port RS-232 high speed communication boards**
> **Compact ISA board size**
> **Versatile OS driver support**
> **Various connection options**
> **Data transmission speed up to 921.6 Kbps**
> **On-chip hardware flow control**
> **Easy configuration without switches or jumpers**
> **Convenient connection cables/boxes**

: Overview

The Smartio C168H Series allows you to install additional RS-232 serial communication ports on your PC by providing 8 serial ports per board for connecting all types of serial devices, including terminals, modems, printers, data acquisition equipment, and more. C168H's versatile OS driver support fulfills the needs of customers' varied applications. This product is available for use on an ISA bus, offering a reliable and high performance solution for serial multiport communications.

: Specifications

Hardware
I/O controller: 16C550C or compatible x 8

Interface
Bus: 16-bit ISA
Max. No. of ports: 32 (4 boards)

Performance
Baudrate: 50 bps to 921.6 Kbps

Configuration
Parity: None, Even, Odd, Space, Mark
Data bits: 5, 6, 7, 8
Stop bits: 1, 1.5, 2
IRQ: 2(9), 3, 4, 5, 7, 10 (Default), 11, 12, 15

I/O address: 0x0000 - 0xFFFF (Default: 0x180)

Power and Environment
Power Requirements:
170 mA (+5V), 100 mA (+12V), 60 mA (-12V)
Operating Temperature: 0 to 55°C (32 to 131°F)
Operating Humidity: 5 to 95% RH
Storage Temperature: -20 to 85°C (-4 to 185°F)
Surge Protection: 25 KV ESD (C168HS)
Dimensions (W x D): 157 x 93 mm (W x D)
Regulatory Approvals
EN55022 Class B, EN55024, EN6100-3-2, EN61000-3-3, FCC Part 15 Class B
Warranty: 5 years

: Ordering Information

C168H: ISA bus, 8-port serial board

C168HS: ISA bus, 8-port serial board with 25 KV Surge Protection

All items include

• C168H or C168HS board with standard bracket

• Document & Software CD-ROM

• Quick Installation Guide

Optional Accessories (choose one per board)

*Refer to the CP-168U V2 connection options (page 2-27)