

# 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 C168H boards provide 8 serial ports per board for adding RS-232 ports to your PC. The boards can be used to connect all types of serial devices, including terminals, modems, printers, data acquisition equipment, and more. In addition, the C168H's versatile OS driver

support makes the boards suitable for a variety of applications. The C168H uses the ISA bus, and offers a reliable and high performance solution for multiport serial 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 bit(s):** 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 (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 RS-232 serial board

**C168HS:** ISA bus, 8-port RS-232 serial board with 25 KV Surge Protection

#### Package Checklist

- 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 8-27)