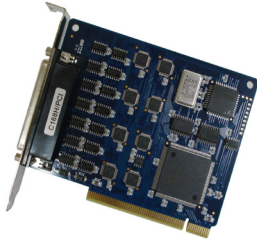


C168H/PCI

8-port RS-232 PCI boards



- > 8-port RS-232 high-speed communication board
- > Compact PCI 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



: Overview

The Smartio C168H/PCI 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.

And C168H/PCI's versatile OS driver support truly fulfills the needs of our customers' varied applications. This product is available for use on either a PCI bus, with both types offering a reliable and high performance solution for serial multiport communications.

: Specifications

Hardware

Bus: PCI ver. 2.1 (32-bit)

I/O Controller: 16C550C or compatible x 8

Serial Interface

Maximum No. of Ports: 32 (4 boards)

Performance

Baudrate: 50 bps to 921.6 Kbps

Serial Communication Parameters

Data Bits: 5, 6, 7, 8

Stop Bits: 1, 1.5, 2

Parity: None, Even, Odd, Space, Mark

I/O Address: Assigned by BIOS

IRQ: Assigned by BIOS

Physical Characteristics

Dimensions: 123 x 100 mm (W x D)

Driver Support

Operating Systems: Windows 95/98/ME/NT/2000/XP/2003, Linux, DOS, AT&T UNIV SVR4.2, MITUX DVR4.2, UnixWare SVR4.2, UnixWare7, SCO OpenServer, SCO Unix, SCO XENIX, QNX 4.2x, FreeBSD

Environmental Limits

Operating Temperature: 0 to 55°C

Storage Temperature: -20 to 85°C

Ambient Relative Humidity: 5 to 95% RH

Standards and Certifications

EMC: CE, FCC

Power Requirements

Power Consumption: 260 mA (+5V), 100 mA (+12V), 60 mA (-12V)

Warranty

Warranty Period: 5 years

Details: See www.moxa.com/warranty

Ordering Information

Available Models

C168H/PCI: PCI bus, 8-port serial board

- Connection cables and boxes are available as optional accessories
- For an onboard PCI Surge Protection Solution, refer to the Universal PCI section

Optional Connectors (choose one per board)

OPT8A: 8-port DB25 female connection box (connection cable included)

OPT8B: 8-port DB25 male connection box (connection cable included)

CBL-M62M25x8-100 (OPT8C): 8-port DB25 male connection cable

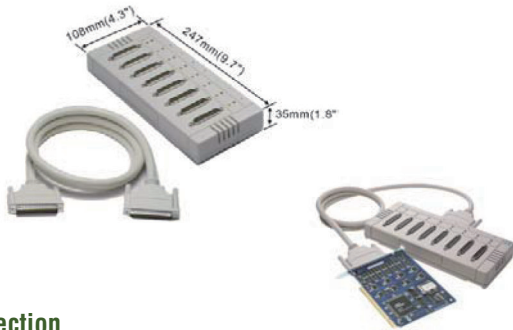
CBL-M62M9x8-100 (OPT8D): 8-port DB9 male connection cable

OPT8S: 8-port DB25 female connection box with surge protection

Package Checklist

- 1 C168H/PCI
- Documentation and software CD
- Quick installation guide (printed)
- Warranty card

Connection Options



Box Connection

OPT8A: DB25 Female
OPT8B: DB25 Male
OPT8S: DB25 Female with Surge

- * Tx/D, Rx/D LED Indicators
- * 150cm Connection Cable included

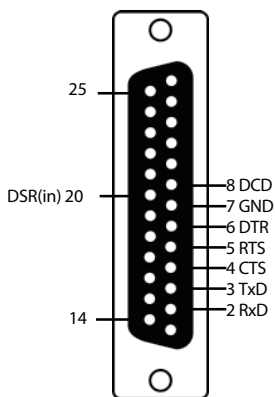
Cable Connection

CBL-M62M25x8-100 (OPT8C): DB25 Male
CBL-M62M9x8-100 (OPT8D): DB9 Male

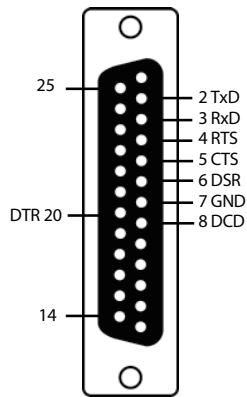
- * 100cm cable length
- * Reversible Connector Header

PIN Assignment

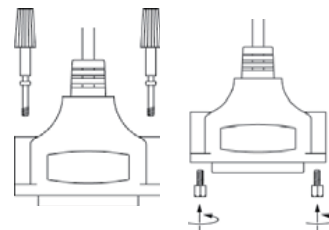
DB25 Female (OPT8A/S)



DB25 Male (OPT8B/CBL-M62M25x8-100 (OPT8C))



Bi-Directional Reversible Connector



- * Connect to Female Connector
- * Connect to Male Connector

DB9 Male (CBL-M62M9x8-100 (OPT8D))

