

CP-168U

8-port RS-232 Communication Board

Features

- Supports all major OS platforms (Windows/Linux)
- Supports 8 independent RS-232 serial ports
- Universal PCI bus
- Data flow LED display onboard
- Supports 64-byte FIFO driver
- Versatile connection options
- Embedded 16 KV ESD protection
- 50 bps to 230.4 Kbps transmission speed



Introduction

MOXA's CP-168 Universal PCI series meets the new slot standard for expansion boards that is being rapidly adopted by PC server manufacturers. In addition, CP-168 universal PCI cards work with both 3.3V and 5V server slots, allowing

MOXA boards to be used in virtually any available PC server. The CP-168U series offers 8 independent RS-232 serial ports for connecting data acquisition equipment and many other serial devices to the PC and compatible systems.

Specifications

Communications

Bus Interface: 32-bit Universal PCI
Number of Ports: 8
Max No. of Boards: 4
I/O address/IRQ: PCI BIOS assigned
Comm. Controller: MOXA UART (16C550C compatible)
Baud Rate: 50 bps to 230.4 Kbps
Data Bits: 5, 6, 7, 8
Stop Bits: 1, 1.5, 2
Parity: None, even, odd, space, mark
Data Signals: TxD, RxD, RTS, CTS, DCD, DTR, DSR, GND
Connectors: DB62 Female
Surge Protection: Embedded 16 KV ESD

Power Consumption

CP-168U: 420 mA (+5V)

Environmental

Operating Temperature: 0 to 55°C
Storage Temperature: -20 to 85°C
Humidity: 5 to 95% RH

Mechanical

Dimensions (WxD): 110 x 135 mm (Std. Bracket: 121 mm)

Regulatory Approvals

CE, FCC

OS Support:

Windows 98/ME/NT/2000/XP, Linux

Ordering Information

CP-168U

8-port RS-232 board, Universal PCI bus, embedded surge protection (16 KV ESD)

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)

Opt8C: 8-port DB25 Male connection cable

Opt8D: 8-port DB9 Male connection cable

*All items include: MOXA Software CD

*For more RS-232 to RS-422/485 box options, refer to Serial Connector Options.