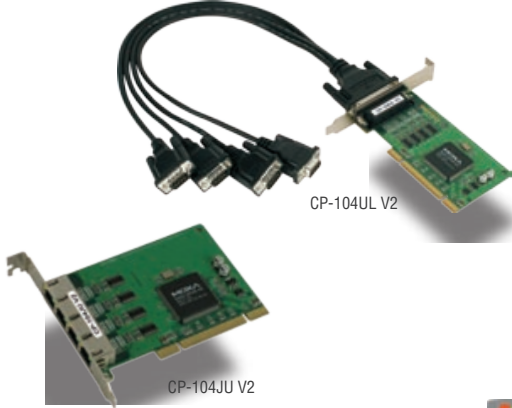








CP-104UL V2/CP-104JU V2

4-port RS-232 Universal PCI Smart Serial Boards



Features

- > Over 800 Kbps data throughput, for top performance
- > Serial communication speed up to 921.6 Kbps
- > 128-byte FIFO and on-chip H/W, S/W flow control
- > Universal PCI compatible with 3.3/5V PCI and PCI-X
- > MD1 Low profile board (CP-104UL V2) for compact-sized PCs
- > Drivers provided for Windows Vista/2003/XP/2000/98/ME, Linux, UNIX
- > On-board 15 KV ESD protection

Overview

The CP-104UL/JU V2 are Smart Universal PCI Multiport Serial Boards designed for POS and ATM applications, and for use by industrial automation system manufacturers and system integrators. The boards are compatible with all popular operating systems, and each of the 4 RS-232 serial ports supports data rates up to 921.6 Kbps.

The CP-104UL/JU V2 provide full modem control signals, ensuring compatibility with a wide range of serial peripherals. In addition, the CP-104UL/JU V2 work with both 3.3V and 5V PCI buses, allowing the boards to be installed in virtually any available PC server.

Specifications

Hardware

Connectors: Female DB44 (CP-104UL V2), RJ45 (CP-104JU V2)
Comm. Controller: MU860 (16C550C compatible)

Interface

Bus Interface: 32-bit Universal PCI
Number of Ports: 4 (only one IRQ required)
Max. No. of Boards: 4

Signals

RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

Performance

Baudrate: 50 bps to 921.6 Kbps

Configuration

Data Bits: 5, 6, 7, 8

Stop Bit(s): 1, 1.5, 2

I/O address/IRQ: BIOS assigned

Parity: None, Even, Odd, Space, Mark

Flow Control: RTS/CTS, XON/XOFF

Power and Environment

Power Requirement: CP-104UL V2: 120 mA (+5V)
 CP-104JU V2: 135 mA (+5V)

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)

ESD Protection: Embedded 15 KV ESD Protection

Regulatory Approvals

EN55022 Class B, EN55024, EN6100-3-2, EN61000-3-3,
 FCC Part 15 Class B

Warranty: 5 years

Ordering Information

CP-104UL-DBxx V2: 4-port RS-232 Universal PCI Smart Serial Board, cable included
CP-104JU V2: 4-port RS-232 Universal PCI Smart Serial Board, 8-pin RJ45 connectors

Optional Accessories (choose one per board)

CBL-M44M9x4-50: 4-port male DB9 connection cable
CBL-M44M25x4-50: 4-port male DB25 connection cable

Package Checklist

- Serial Board with standard bracket
- DB44 to quad DB9 or DB25 connection cable (CP-104UL V2)
- Low profile bracket (CP-104UL V2)
- Document & Software CD-ROM
- Quick Installation Guide

Dimensions (unit = mm)

120 mm (4.72 in)

16 mm (0.63 in)

41.7 mm (1.64 in)

64.4 mm (2.53 in)

80 mm (3.15 in)

121 mm (4.76 in)

On-Board LED Display

- Red--Transmit
- Green--Receive

120 mm (4.72 in)

10 mm (0.39 in)

41.7 mm (1.64 in)

83 mm (3.27 in)

121 mm (4.76 in)

On-Board LED Display

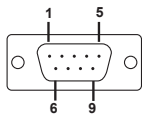
- Red--Transmit
- Green--Receive

8-Pin RJ45

PIN	RS-232
1	DSR
2	RTS
3	GND
4	TxD
5	RxD
6	DCD
7	CTS
8	DTR

Connection Options

Male DB9



PIN	RS-232	PIN	RS-232
1	DCD	5	GND
2	RxD	6	DSR
3	TxD	7	RTS
4	DTR	8	CTS

CBL-M44M9x4-50

DB44 to male DB9 x 4, 50 cm Cable

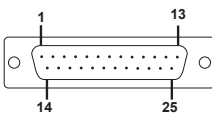


CBL-RJ45M9-150

8-pin RJ45 to male DB9, 150 cm Cable



Male DB25



PIN	RS-232	PIN	RS-232
2	TXD	6	DSR
3	RxD	7	GND
4	RTS	8	DCD
5	CTS	20	DTR

CBL-M44M25x4-50

DB44 to male DB25 x 4, 50 cm Cable



CBL-RJ45M25-150

8-pin RJ45 to male DB25, 150 cm Cable

