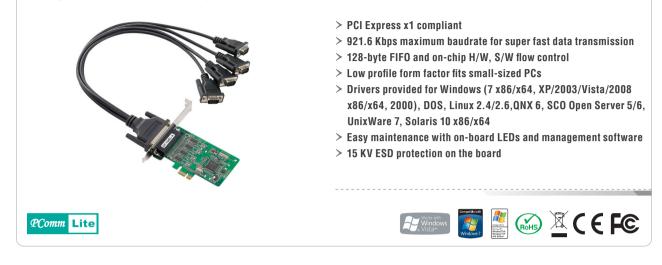
CP-104EL-A

- 4-port RS-232 PCI Express serial board



Overview

The CP-104EL-A is a smart, 4-port PCI Express board designed for POS and ATM applications. It is a top choice of industrial automation engineers and system integrators, and supports many different operating systems, including Windows, Linux, and even Unix. In addition, each of the board's 4 RS-232 serial ports supports a super fast 921.6 Kbps baudrate. The CP-104EL-A provides full modem control signals to ensure compatibility with a wide range of serial peripherals, and its PCI Express "x1" classification allows it to be installed in any PCI Express slot.

Smaller Form Factor

The CP-104EL-A is a low profile board that is compatible with any PCI Express slot. The board requires only a 3.3 VDC power supply, which

means that the board fits any host computer, ranging from shoebox to standard-sized PCs.

Drivers Provided for Windows, Linux, and Unix

Moxa continues to support a wide variety of operating systems, and the CP-104EL-A board is no exception. Reliable Windows COM and Linux/Unix TTY drivers are provided for all Moxa boards, and other operating systems, such as WEPOS, are also supported for embedded integration.

Specifications

Hardware

Comm. Controller: 16C550C compatible Bus: PCI Express x1 Connector: DB44 female

Serial Interface Number of Ports: 4 Serial Standards: RS-232

Max. No. of Boards per PC: 4 Serial Line Protection

ESD Protection: 15 KV on the board

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 Flow Control: RTS/CTS, XON/XOFF Serial Signals RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND Driver Support Operating Systems: Windows 2000, Windows XP/2003/Vista/2008/7 x86/x64, DOS, Linux 2.4, 2.6 x86/x64, QNX 6, SCO Open Server 5/6, UnixWare 7, Solaris 10 x86/x64 Note: Please refer to Moxa's website for the latest driver support information. Physical Characteristics Dimensions: 67.21 x 103 mm (2.65 x 4.06 in) Environmental Limits Operating Temperature: 0 to 55°C (32 to 131°F) Storage Temperature: -20 to 85°C (-4 to 185°F)

Ambient Relative Humidity: 5 to 95% (non-condensing)

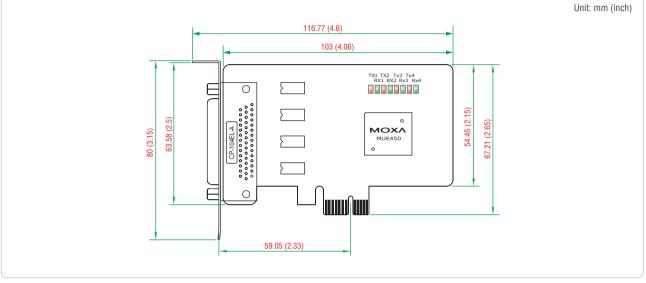
Standards and Certifications

EMC: CE, FCC EMI: EN 55022, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class B EMS: EN 55024, EN 61000-6-2, EN 61000-6-4, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11 (DIPS) Green Product: RoHS, CRoHS, WEEE

Dimensions

MTBF (mean time between failures) Time: 7,723,378 hrs Database: Telcordia (Bellcore), GB Power Requirements Power Consumption: 805 mA @ 3.3 V Warranty Warranty Period: 5 years

Details: See www.moxa.com/warranty



Crdering Information

Available Models

CP-104EL-A-DB9M: 4-port RS-232 PCI low profile Express x1 serial board (includes DB9 male cable) **CP-104EL-A-DB25M:** 4-port RS-232 low profile PCI Express x1 serial board (includes DB25 male cable)

Package Checklist

- 1 CP-104EL-A board
- DB9-M or DB25-M connection cable
- Standard bracket and low profile bracket
- Documentation and software CD
- Quick installation guide (printed)
- Warranty card

Connection Options (can be purchased separately)



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