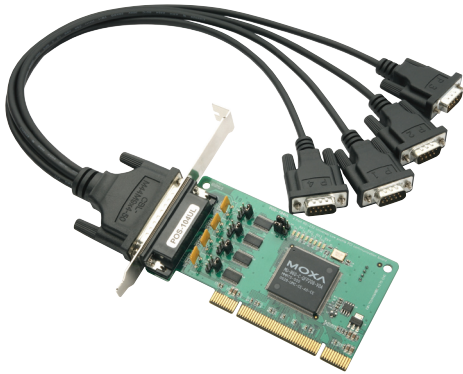


# POS-104UL

## 4-port RS-232 Universal PCI Board w/ Serial Port Power



### Features

- Over 800 Kbps data throughput, for top performance
- 5V (output), 12V (output), RI (input) power selectable for each port
- Serial Port Power from Bus or Power Supply
- 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, suitable for compact-sized PCs
- Windows Vista/2003/XP/2000, and Linux driver support
- 15 KV ESD protection on-board



### : Overview

The POS-104UL is a smart, 4-port Universal PCI serial board designed for POS and ATM applications, and for use by industrial automation system manufacturers and system integrators. The POS-104UL is compatible with all major operating systems. In addition, each of the board's 4 RS-232 serial ports supports data rates up to 921.6 Kbps,

and provide full modem control signals to ensure compatibility with a wide range of serial peripherals. The POS-104UL supplies 5V/12V of power from each serial port and works with both 3.3V and 5V PCI buses, making the board suitable for installation in most PC servers.

### : Specifications

#### Hardware

**Connector:** Female DB44

**Comm. Controller:** MU860 (16C550C compatible)

#### Interface

**Bus Interface:** 32-bit Universal PCI

**No. of Ports:** 4 (only one IRQ required)

**Max. No. of Boards:** 4

#### Signals:

RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND, RI (optional)

#### Performance

**Baudrate:** 50 bps to 921.6 Kbps

#### Configuration

**Data Bits:** 5, 6, 7, 8

**Stop Bits:** 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:

POS-104UL: 145 mA (+5V)

Power Output: 5V/1A or 12V/1A

**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)

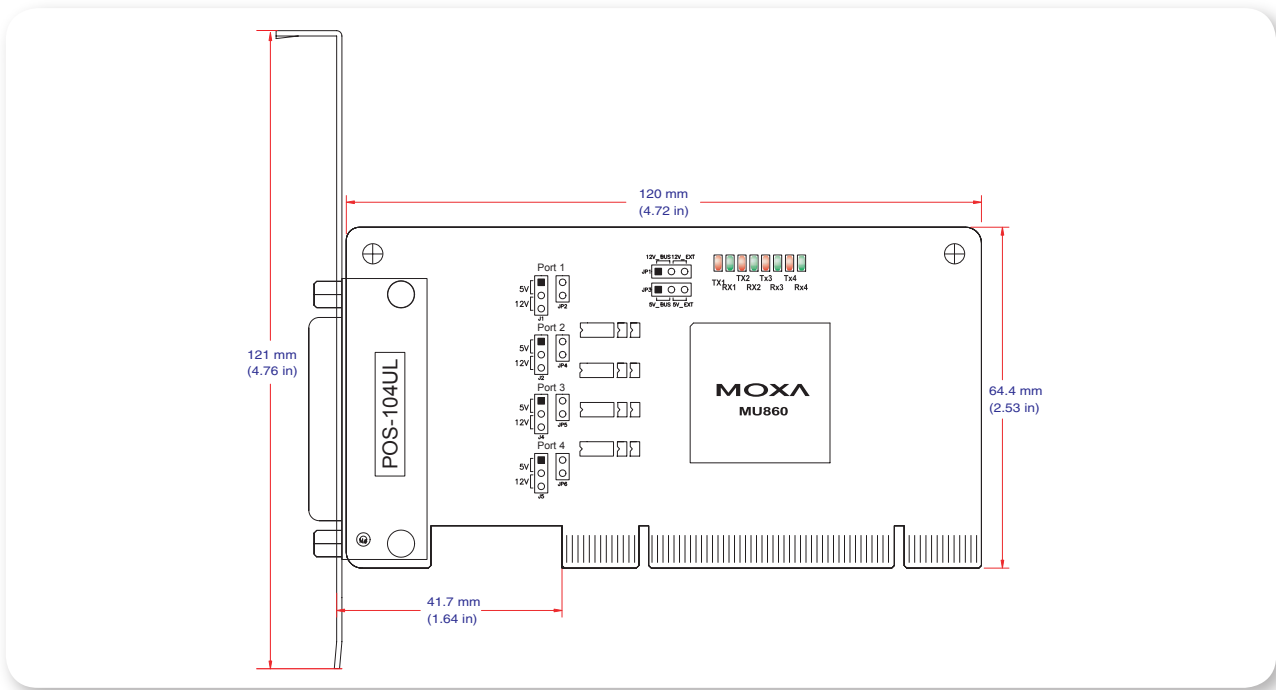
**ESD Protection:** Embedded 15 KV ESD Protection

##### Regulatory Approvals

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

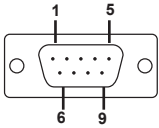
**Warranty:** 5 years

## Dimensions



## : Connection Cables

### CBL-M44M9x4-50 (POS)



DB44 to male DB9 x 4, 50 cm Cable

PIN	RS-232
1	DCD
2	RxD
3	TxD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI/5V/12V

### CBL-M44M9x4-50

DB44 to male DB9 x 4, 50 cm Cable



## : Ordering Information

**POS-104UL-DB9:** 4-port RS-232 Universal PCI board w/ Serial Port Power, DB9 cable included

**POS-104UL:** 4-port RS-232 Universal PCI board w/ Serial Port Power

### All items include

- POS-104UL board with standard bracket, and low profile bracket
- Document & Software CD-ROM
- Quick Installation Guide