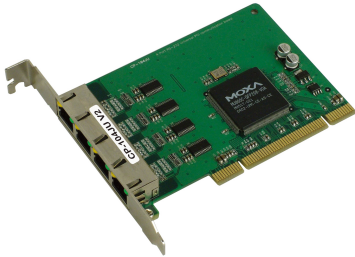


# CP-104UL/104JU 系列

## 4 埠 RS-232 智慧型 Universal PCI 序列擴充卡



### 特色與優點

- 超過 800 kbps 的資料傳輸量，提供最佳效能
- 最高 921.6 kbps，可快速傳輸資料
- 128 位元組 FIFO 和晶片上的 H/W、S/W 流量控制
- 相容於 3.3/5 V PCI 和 PCI-X
- 提供多種作業系統的驅動程式選擇，包括 Windows、Linux 和 UNIX
- 寬溫模組適用於 -40 to 85° C 環境

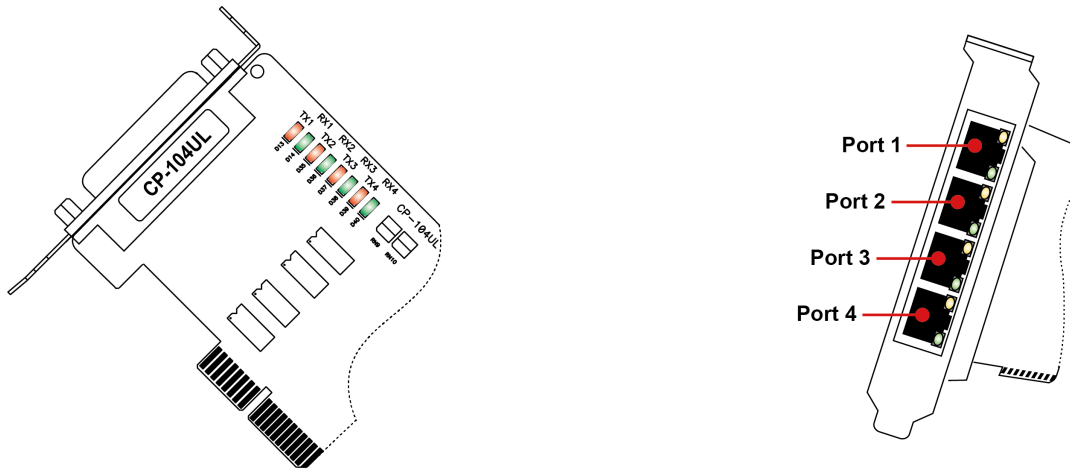
### 認證



### 簡介

CP-104UL 和 CP-104JU 4 埠 Universal PCI 擴充卡專為 POS 和 ATM 應用所設計。它們是工程師和系統整合商的首選，並支援許多不同作業系統，包括 Windows、Linux，甚至 UNIX。此外，每個擴充卡的 RS-232 序列埠都支援快速 921.6 kbps 傳輸速率。CP-104UL 和 CP-104JU 提供完整的數據機控制訊號，以確保與多種序列周邊設備相容，同時搭配 3.3 V 和 5 V PCI 匯流排使用，因此可以將擴充卡安裝在幾乎任何可用的伺服器中。

### 內建 LED



### 規格

#### Serial Interface

Comm. Controller	MU860 (16C550C compatible)
Bus	32-bit Universal PCI
Connector	CP-104UL Series: DB44 female CP-104JU Series: 4 x RJ45
FIFO	128 bytes
Max. No. of Boards per PC	8
No. of Ports	4

Serial Standards	RS-232
Baudrate	50 bps to 921.6 kbps
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	None, RTS/CTS, XON/XOFF
<b>Serial Signals</b>	
RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
<b>Serial Software Features</b>	
Windows Drivers	DOS, Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2012 R2 (x64), Windows Embedded CE 5.0/6.0, Windows XP Embedded
Linux Drivers	Linux kernel 2.4.x, Linux kernel 2.6.x, Linux kernel 3.x, Linux kernel 4.x, Linux kernel 5.x
UNIX Drivers	QNX 6, SCO OpenServer, UnixWare 7, Solaris 10, FreeBSD
<b>Power Parameters</b>	
Input Current	CP-104UL Series: 120 mA @ 5 VDC CP-104JU Series: 135 mA @ 5 VDC
<b>Physical Characteristics</b>	
Dimensions	CP-104UL Series: 64.4 x 120 mm (2.53 x 4.72 in) CP-104JU Series: 83 x 120 mm (3.27 x 4.72 in)
<b>LED Interface</b>	
LED Indicators	Built-in Tx, Rx LEDs for each port
<b>Environmental Limits</b>	
Operating Temperature	Standard Models: 0 to 55°C (32 to 131°F) Wide Temp. Models: -40 to 85°C (-40 to 185°F)
Storage Temperature (package included)	-40 to 85°C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)
<b>Standards and Certifications</b>	
EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class B
EMS	CP-104UL Series: IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 2 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF  CP-104JU Series: IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m
International Approval	CP-104UL-DB9M: KC

## Declaration

Green Product	RoHS, CRoHS, WEEE
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## MTBF

Time	CP-104UL Series: 558,961 hrs CP-104JU Series: 571,627 hrs
Standards	Telcordia (Bellcore) Standard TR/SR

## Warranty

Warranty Period	5 years
Details	See <a href="http://www.moxa.com/tw/warranty">www.moxa.com/tw/warranty</a>

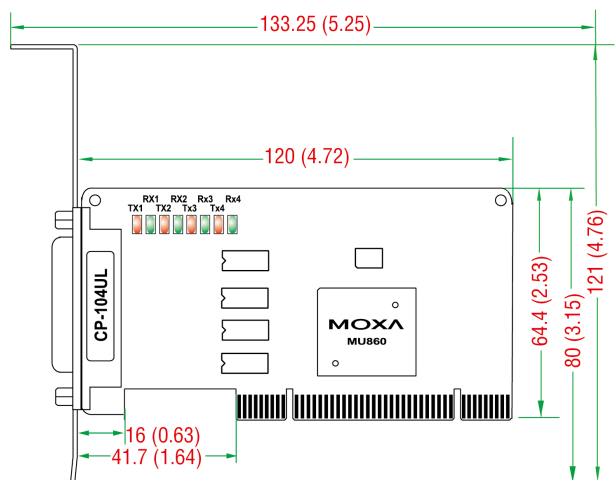
## Package Contents

Device	1 x CP-104UL/104JU Series serial board
Cable	1 x M44 to 4 x DB9-M cable, 50 cm (CP-104UL-A-DB9M) 1 x M44 to 4 x DB25-M cable, 50 cm (CP-104UL-A-DB25M)
Documentation	1 x document and software CD 1 x quick installation guide 1 x substance disclosure table 1 x warranty card

## 尺寸

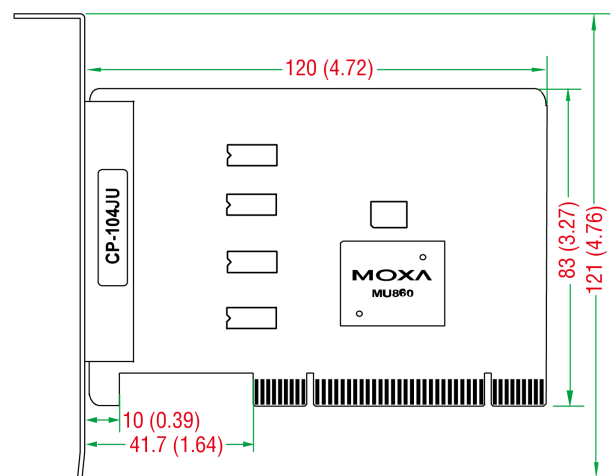
### CP-104UL

單位：公釐（英吋）



### CP-104JU

單位：公釐（英吋）



## 訂購資訊

Model Name	Serial Bus	No. of Serial Ports	Serial Connector	Operating Temp.	Included Cable
CP-104UL-DB9M	Universal PCI	4	DB44 female	0 to 55°C	CBL-M44M9x4-50
CP-104UL-DB25M	Universal PCI	4	DB44 female	0 to 55°C	CBL-M44M25x4-50
CP-104UL-T	Universal PCI	4	DB44 female	-40 to 85°C	-
CP-104JU	Universal PCI	4	8-pin RJ45	0 to 55°C	-
CP-104JU-T	Universal PCI	4	8-pin RJ45	-40 to 85°C	-

## 配件 (選購)

### Brackets

1490000001000	Low-profile bracket for DB44 pack
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### Cables

CBL-F9M9-150	DB9 female to DB9 male serial cable, 1.5 m Applicable Models: CP-104UL-DB9M
CBL-F9M9-20	DB9 female to DB9 male serial cable, 20 cm Applicable Models: CP-104UL-DB9M
CBL-M44M25x4-50	M44 to 4 x DB25 male serial cable, 50 cm Applicable Models: CP-104UL-T
CBL-M44M9x4-50	DB44 male to DB9 male serial cable, 50 cm Applicable Models: CP-104UL-T

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