CP-104UL/104JU Series

4-port RS-232 smart Universal PCI serial boards



Features and Benefits

- · Over 800 kbps data throughput for top performance
- 921.6 kbps maximum baudrate for fast data transmission
- 128-byte FIFO and on-chip H/W, S/W flow control
- Compatible with 3.3/5 V PCI and PCI-X
- Drivers provided for a broad selection of operating systems, including Windows, Linux, and UNIX
- Wide-temperature model available for -40 to 85°C environments

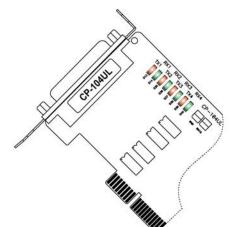
Certifications

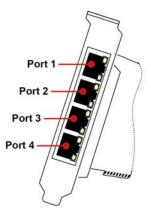
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Introduction

The CP-104UL and CP-104JU 4-port universal PCI boards are designed for POS and ATM applications. They are a top choice of industrial automation engineers and system integrators, and support many different operating systems, including Windows, Linux, and even UNIX. In addition, each of the boards' RS-232 serial ports supports a fast 921.6 kbps baudrate. The CP-104UL and CP-104JU provide full modem control signals to ensure compatibility with a wide range of serial peripherals, and they work with both 3.3 V and 5 V PCI buses, allowing the boards to be installed in virtually any available PC server.

Built-In LEDs





Specifications

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

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Sales: +44 (0) 1273 570 220 Website: www.amplicon.com Email: sales@amplicon.com

Datasheet

Note of Code Production Sorial Standards R5-232 Baldrafe Solop to 921.6 ktpps Data Bits 5.6.7.8 Stop Bits 1.1.5.2 Parity None, Even, Odd. Space. Mark Flow Control None, FTS/CTS, XON/XOFF Serial Signals	No. of Ports	4
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NumberWindows 2008 R2/2012/2012 R2 (x64), Windows Embedded CE 5.0/6.0, Windows XP EmbeddedLinux DriversLinux kernel 2.4.x, Linux kernel 3.xUNIX DriversQNX 6, SCO OpenServer, UnixWare 7, Solaris 10, FreeBSDPower ParametersCP-104UL Series: 120 mA @ 5 VDC CP-104UL Series: 120 mA @ 5 VDC CP-104UL Series: 84 x 120 mm (2.53 x 4.72 in)Physical CharacteristicsCP-104UL Series: 64.4 x 120 mm (2.53 x 4.72 in)PimensionsCP-104UL Series: 83 x 120 mm (3.27 x 4.72 in)LED IndicatorsBuilt-in Tx, Rx LEDs for each portLED IndicatorsStandard Models: 0 to 55°C (32 to 131°F) Wide Temp. Models: -40 to 85°C (40 to 185°F)Storage Temperature (package included)Sto 95% (non-condensing)Ambient Relative Humidity5 to 95% (non-condensing)Standards and CertificationsEEMSCP-104UL Series: (EC 61000 +4 2 RS): CONTACI: 44 X-47 R KV (EC 61000 +4 2 RS):	Serial Software Features	
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	International Approval	CP-104UL-DB9M: KC

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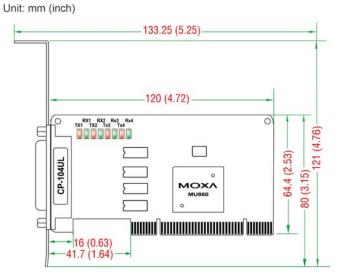
Datasheet

Declaration	
Green Product	RoHS, CRoHS, WEEE
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 www.moxa.com/warranty
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

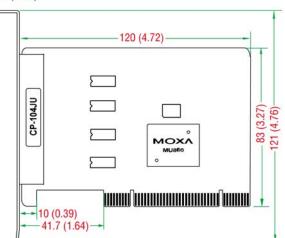
Dimensions

CP-104UL

CP-104JU



Unit: mm (inch)



Ordering Information

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	-

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Accessories (sold separately)

Brackets

149000001000	Bracket for DB44 pack
Cables	
CBL-F9M9-20	DB9 female to DB9 male serial cable, 20 cm Applicable Models: CP-104UL-DB9M
CBL-F9M9-150	DB9 female to DB9 male serial cable, 1.5 m Applicable Models: CP-104UL-DB9M
CBL-M44M9x4-50	4-port DB44 male to DB9 male cable, 50 cm Applicable Models: CP-104UL-T
CBL-M44M25x4-50	M44 to 4 x DB25 male cable, 50 cm Applicable Models: CP-104UL-T

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