

UPort 1100 系列

1 埠 RS-232、RS-422/485 和 RS-232/422/485 USB 轉串列轉換器



特色與優點

- 快速資料傳輸，最高傳輸率達 921.6 Kbps
- 為 Windows、macOS、Linux 和 WinCE 提供的驅動程式
- 支援 VMware Fusion/ESXi 和 Parallels 的虛擬機器
- 輕鬆佈線的 Mini-DB9 母頭轉接線端子模組轉接器
- 用於指示 USB 和 TxD/RxD 活動的 LED 指示燈
- 2 kV 隔離保護（適用於「-I」型號）

認證



簡介

UPort® 1100 系列 USB 轉串列轉換器是沒有串列埠的筆記型電腦或工作站電腦適用的完美配件。對於需要在現場連接各種串列設備，或需要為不具備標準 COM 埠或 DB9 連接器的設備提供串列介面的工程師而言，這些轉換器不可或缺。

UPort® 1100 系列可將 USB 轉換為 RS-232/422/485。所有產品均與傳統串列設備相容，並可用於儀器儀表和銷售點應用。

規格

USB Interface

Speed	12 Mbps
USB Connector	USB Type A: UPort 1110/1130/1130I/1150: USB Type B: UPort 1150I
USB Standards	USB 2.0 compatible, USB 1.1/1.0 compliant

Serial Interface

No. of Ports	1
Connector	DB9 male
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
Isolation	2 kV (I models)
Serial Standards	RS-232: UPort 1110 RS-422/485: UPort 1130/1130I RS-232/422/485: UPort 1150/1150I

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
RS-422	Tx+, Tx-, Rx+, Rx-, GND
RS-485-4w	Tx+, Tx-, Rx+, Rx-, GND
RS-485-2w	Data+, Data-, GND

Serial Software Features

Windows Drivers	Windows 11, 10, 8.1, 8, 7, Vista, ME, and XP Windows Server 2025, 2022, 2019, 2016, 2012 R2, 2012, 2008 R2, 2008, 2003, 2000, and NT
Linux Drivers	Kernel 6.x, 5.x, 4.x, 3.x, 2.6.x, and 2.4.x
Mac Drivers	14, 13, 12, 11 and 10.1x
Arm®-based Platform Support	Windows 11, Linux Kernel 6.x, 5.x and 4.x, macOS 14, 13, 12 and 11
Virtual Machine	VMware Fusion (Windows on macOS 10.12 to 10.15) VMWare ESXi (Windows 7 to 10, Windows Server 2008 R2 to 2019) VMWare ESXi (Linux kernel 5 and 4) Parallels Desktop (Windows on macOS 10.12 to 10.15)
Android API	Android 3.1.x and later

Power Parameters

Input Voltage	5 VDC
Input Current	UPort 1110: 30 mA UPort 1130: 60 mA UPort 1130I: 65 mA UPort 1150: 77 mA UPort 1150I: 260 mA

Physical Characteristics

Housing	UPort 1110/1130/1130I/1150: ABS + Polycarbonate UPort 1150I: Metal
Dimensions	UPort 1110/1130/1130I/1150: 37.5 x 20.5 x 60 mm (1.48 x 0.81 x 2.36 in) UPort 1150I: 52 x 80 x 22 mm (2.05 x 3.15 x 0.87 in)
Weight	UPort 1110/1130/1130I/1150: 65 g (0.14 lb) UPort 1150I: 75 g (0.16 lb)

Environmental Limits

Operating Temperature	0 to 55°C (32 to 131°F)
Storage Temperature	-20 to 70°C (-4 to 158°F), package included
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

EMC	EN 55032/35
EMI	CISPR 32, FCC Part 15B Class 1

EMS	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 IEC 61000-4-8 PFMF
Safety	UL 60950-1 (UPort 1150I)

Declaration

Green Product	RoHS, CRoHS, WEEE
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MTBF

Time	1,949,025 hrs
Standards	MIL-HDBK-217F Telcordia (Bellcore), GB

Package Contents

Device	1 x UPort 1100 Series USB-to-serial converter
Cable	UPort 1150I: 1 x USB type A male to USB type B male
Connectors	1 x Mini DB9F-to-TB (UPort 1130/1150 Models)
Documentation	1 x quick installation guide 1 x warranty card

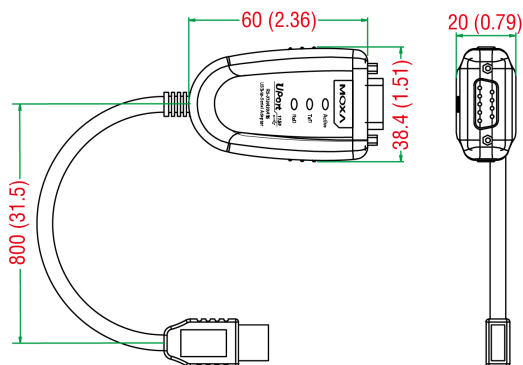
Warranty

Warranty Period	5 years Note: Product only
Details	See www.moxa.com/tw/warranty

尺寸

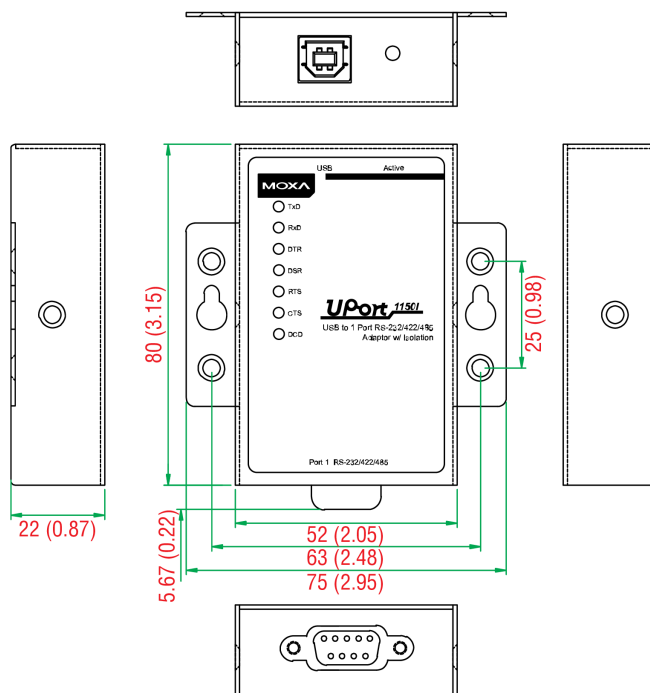
UPort 1110/1130/1130I/1150

單位：公釐（英吋）



UPort 1150I

單位：公釐（英吋）



訂購資訊

Model Name	USB Interface	Serial Standards	No. of Serial Ports	Isolation	Housing Material	Operating Temp.
UPort 1110	USB 1.1	RS-232	1	–	ABS+PC	0 to 55°C
UPort 1130	USB 1.1	RS-422/485	1	–	ABS+PC	0 to 55°C
UPort 1130I	USB 1.1	RS-422/485	1	2 kV	ABS+PC	0 to 55°C
UPort 1150	USB 1.1	RS-232/422/485	1	–	ABS+PC	0 to 55°C
UPort 1150I	USB 1.1	RS-232/422/485	1	2 kV	Metal	0 to 55°C

配件（選購）

Cables

NP21101	DB25 male to DB9 female cable for RS-232 transmission, 30 cm
CBL-F9M9-20	DB9 female to DB9 male serial cable, 20 cm
CBL-F9M9-150	DB9 female to DB9 male serial cable, 1.5 m
CBL-RJ45SF9-150	8-pin RJ45 to DB9 female serial cable with shielding, 1.5m
CBL-USBA/B-100	USB 2.0 cable, type A-to-type B, 1 m

Connectors

Mini DB9F-to-TB	DB9 female to terminal block connector
ADP-RJ458P-DB9F	DB9 female to RJ45 connector

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