

UPort 2210/2410 Series



2 and 4-port RS-232 USB-to-serial converters



Features and Benefits

- Hi-Speed USB 2.0 for up to 480 Mbps USB data transmission rates
- 921.6 kbps maximum baudrate for fast data transmission
- Drivers provided for Windows and Linux
- Driver support for MAC OS
- Supports fixed-base COM Utility for setting the initial extended COM port number
- LEDs for easy monitoring

Certifications



Introduction

The UPort® 2210/2410 USB-to-serial converters allow you to connect two or four RS-232 devices to your laptop or workstation through the USB port. The UPort® 2210 and UPort® 2410 are cost-effective solutions for both new and legacy RS-232 devices, and they are perfect for mobile, instrumentation, and point-of-sale applications.

Specifications

USB Interface

Speed	12 Mbps, 480 Mbps
USB Connector	USB Type B
USB Standards	USB 1.1/2.0 compliant

Serial Interface

Serial Standards	RS-232
No. of Ports	UPort 2210: 2 UPort 2410: 4
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

Serial Signals

RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
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Power Parameters

Input Voltage	5 VDC
Input Current	UPort 2210: 140 mA @ 5 VDC UPort 2410: 240 mA @ 5 VDC

Physical Characteristics

Housing	Polycarbonate (PC)
Dimensions	UPort 2210: 70 x 35 x 120 mm (2.76 x 1.38 x 4.72 in) UPort 2410: 80 x 35 x 185 mm (3.15 x 1.38 x 7.28 in)
Weight	Packaged: UPort 2210: 325 g (0.72 lb) UPort 2410: 455 g (1 lb) Product only: UPort 2210: 120 g (0.26 lb) UPort 2410: 210 g (0.46 lb)

Environmental Limits

Operating Temperature	0 to 55°C (32 to 131°F)
Storage Temperature (package included)	-20 to 75°C (-4 to 167°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

Standards and Certifications

EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class B
EMS	IEC 61000-4-2 ESD: Contact: 8 kV; Air: 4 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV IEC 61000-4-5 Surge: Power: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF
Safety	UL 60950-1
Vibration	IEC 60068-2-6
Freefall	IEC 60068-2-32

Declaration

Green Product	RoHS, CRoHS, WEEE
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MTBF

Time	UPort 2210: 4,221,778 hrs UPort 2410: 3,901,775 hrs
Standards	Telcordia (Bellcore), GB

Warranty

Warranty Period	5 years
Details	See www.moxa.com/warranty

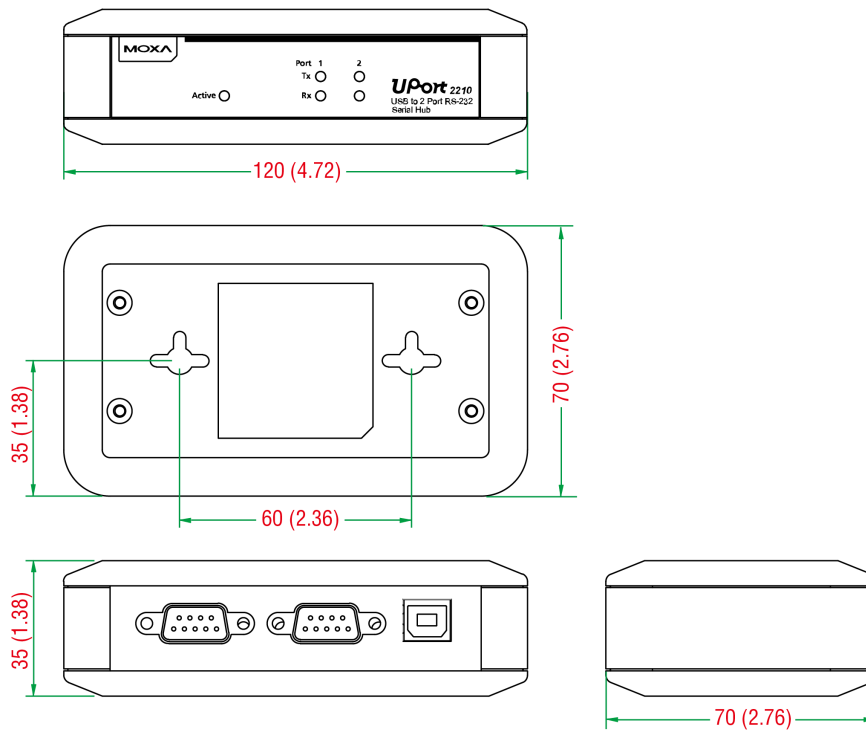
Package Contents

Device	1 x UPort 2210/2410 Series USB-to-serial converter
Cable	1 x USB type A male to USB type B male
Documentation	1 x quick installation guide 1 x substance disclosure table 1 x warranty card

Dimensions

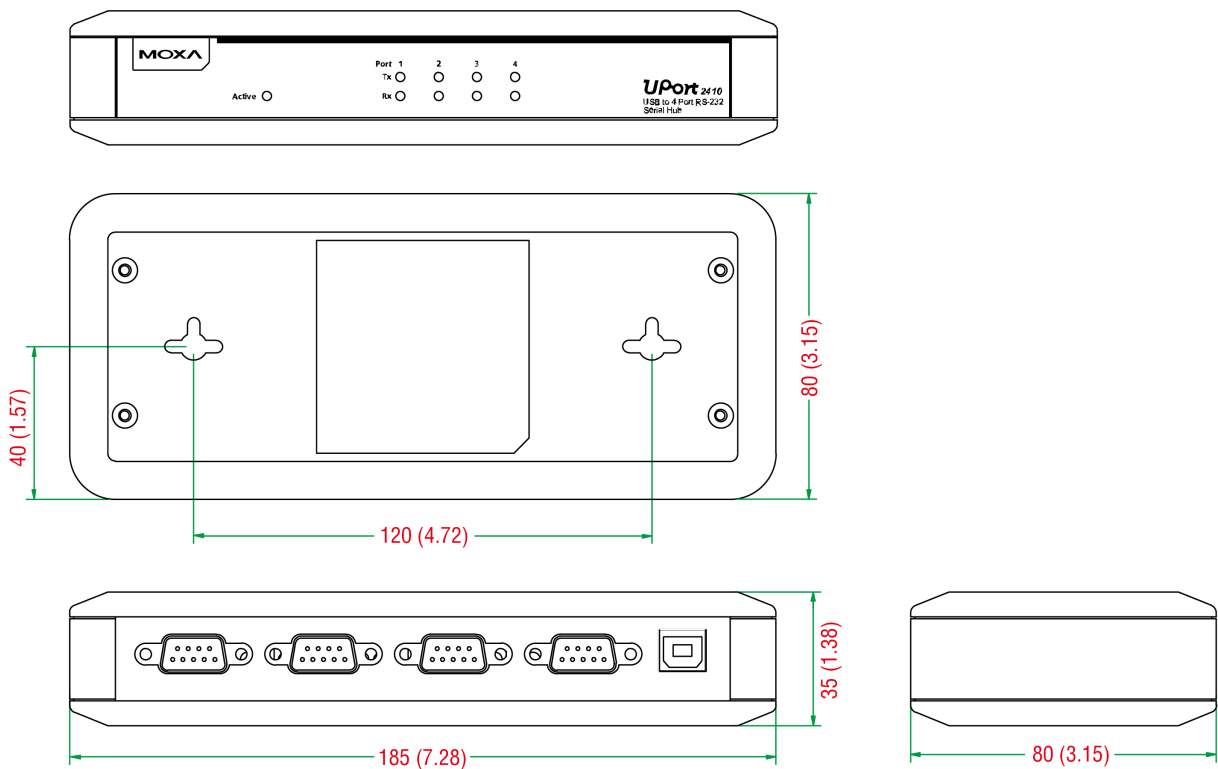
UPort 2210

Unit: mm (inch)



UPort 2410

Unit: mm (inch)



Ordering Information

Model Name	USB Interface	Serial Standards	No. of Serial Ports	Housing Material	Operating Temp.
UPort 2210	USB 2.0	RS-232	2	Polycarbonate (PC)	0 to 55°C
UPort 2410	USB 2.0	RS-232	4	Polycarbonate (PC)	0 to 55°C

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