

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 macOS
- 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 Software Features	
Windows Drivers	Windows 10 (x86/x64) Windows 8.1 Windows 8 Windows 7 Windows Vista Windows XP Windows Server 2019 Windows Server 2016 Windows Server 2012 R2 Windows 2012 R2 Windows Server 2012 Windows Server 2008 R2 Windows Server 2008 Windows 2003 Windows 2000
Linux Drivers	Linux kernel 5.x Linux kernel 4.x Linux kernel 3.x Linux kernel 2.6.x
Arm®-based Platform Support	Linux Kernel 5.x / 4.x

Mac Drivers	macOS 11.3 macOS 11.2 macOS 11.1 macOS 11.0 macOS 10.15 macOS 10.14 macOS 10.13 macOS 10.12
Virtual Machine	VMware Fusion (Windows on macOS 10.12 to 11.x) Parallels Desktop (Windows on macOS 10.12 to 11.x)

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	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

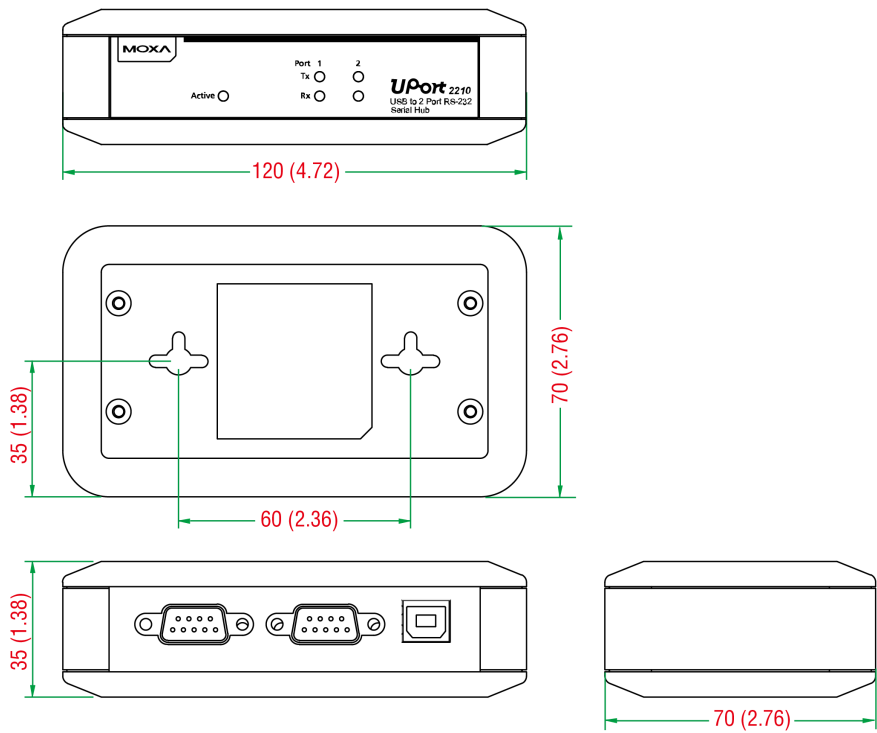
EMC	EN 55032/24
EMI	CISPR 32, FCC Part 15B Class B
EMS	IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m

	IEC 61000-4-4 EFT: Power: 1 kV 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
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

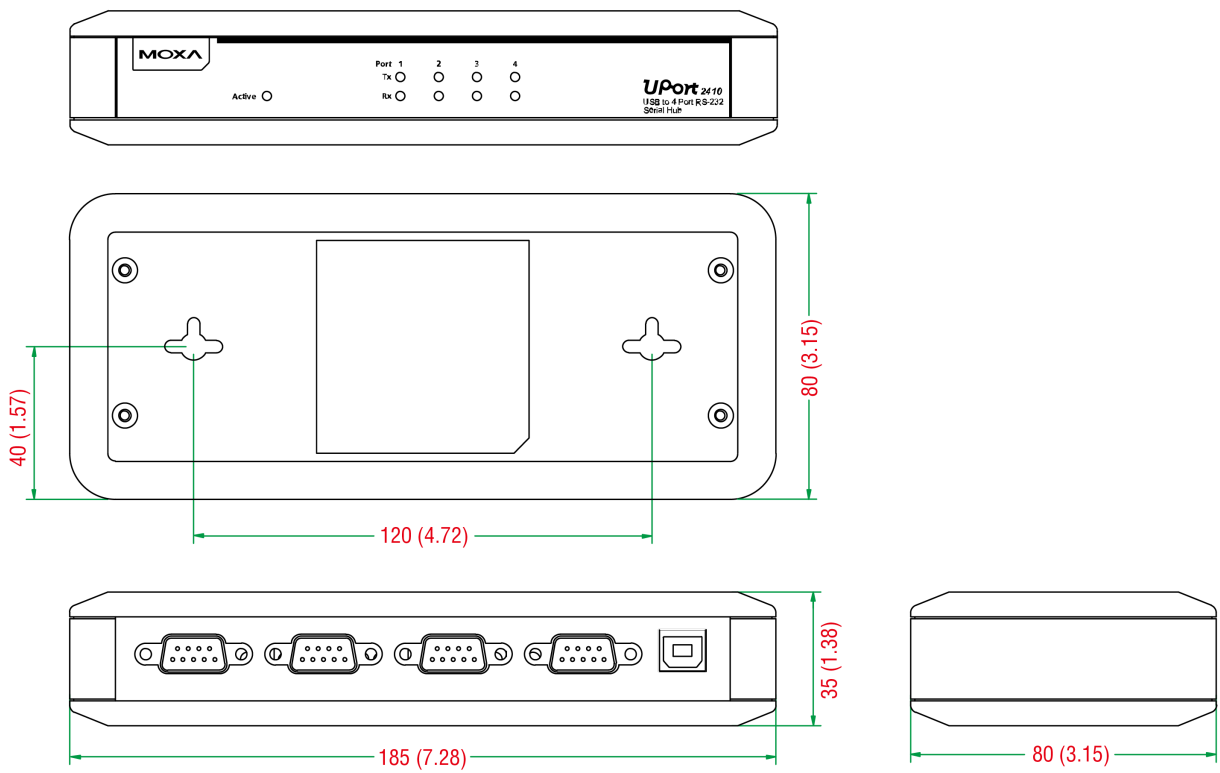
UPort 2210

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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