

UPort™ 2210/2410

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



UPort™ 2210



UPort™ 2410

- > Hi-Speed USB 2.0 for up to 480 Mbps USB transmission
- > 921.6 Kbps maximum baudrate for super fast data transmission
- > Additional I/O and IRQ not needed
- > Built-in 15 KV ESD protection for all serial ports
- > Drivers provided for Windows and Linux
- > Supports Fixed-Base COM Utility for setting the initial extended COM port number
- > LEDs for easy monitoring



Instant Plug & Play

The UPort™ 2210/2410 USB-to-serial converters allow you to connect 2 or 4 RS-232 devices to your laptop or workstation through the USB (Universal Serial Bus) port. The UPort™ 2210 and UPort™ 2410 are

cost-effective solutions for both new and legacy RS-232 devices, and are perfect for mobile, instrumentation, and point-of sale applications.

Simplified, Hassle-free Serial Port Expansion

USB plug & play makes serial port expansion easy, and does not require IRQ, DMA, or I/O address resources. Users no longer need

to open the chassis or power down the system to add COM ports, saving on setup time and cost.

Easy-to-Use Windows Utility

The UPort™ 2210/2410 Windows utility supports the fixed-base COM function, which assigns COM port numbers sequentially, starting from a specific initial COM port number. The fixed-base COM function

not only saves setup time and cost, but also provides users with a solution suitable for a variety of applications.

Specifications

USB Interface

- Compliance:** USB 1.1/2.0 compliant
- Connector:** USB type B
- Speed:** 480 Mbps (Hi-Speed USB) and 12 Mbps (Full-Speed USB)

Serial Interface

- Number of Ports:**
UPort™ 2210: 2
UPort™ 2410: 4
- Serial Standards:** RS-232
- Connector:** DB9 male

Serial Line Protection

ESD Protection: 15 KV embedded

Performance

Baudrate: 50 bps to 921.6 Kbps

Serial Communication Parameters

- Data Bits:** 5, 6, 7, 8
- Stop Bits:** 1, 1.5, 2
- Parity:** None, Even, Odd
- Flow Control:** RTS/CTS, XON/XOFF

I/O Address: Assigned by BIOS

IRQ: Assigned by BIOS

FIFO: 16 bytes

Serial Signals

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

Driver Support

Operating Systems: Windows (2000, XP/2003/Vista/2008 x86/x64), Linux 2.6 x86/x64

Physical Characteristics

Housing: Polycarbonate (PC)

Weight:

- Product only:
UPort™ 2210: 120 g (0.26 lb)
UPort™ 2410: 210 g (0.46 lb)
- Packaged:
UPort™ 2210: 325 g (0.72 lb)
UPort™ 2410: 455 g (1 lb)

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)

Environmental Limits

Operating Temperature: 0 to 55°C (32 to 131°F)
Operating Humidity: 5 to 95% RH
Storage Temperature: -20 to 75°C (-4 to 167°F)
Regulatory Approvals: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11, FCC Part 15 Class B

Power Requirements

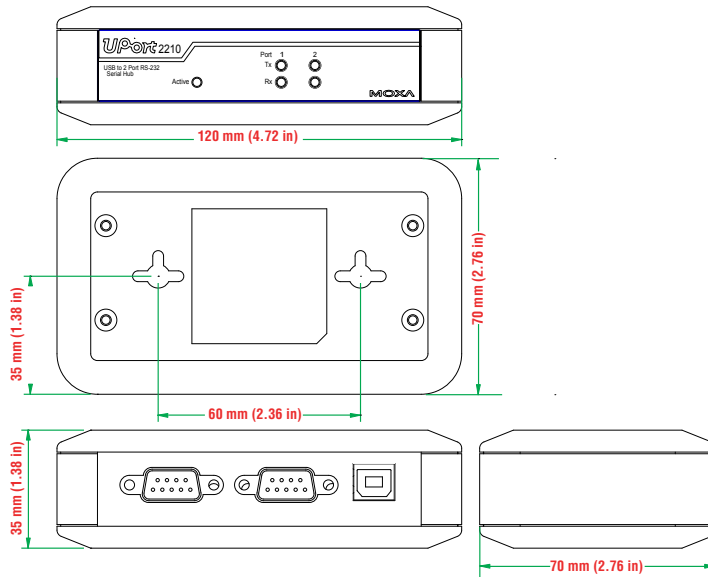
Power Consumption:
 UPort™ 2210: 140 mA @ 5 VDC
 UPort™ 2410: 240 mA @ 5 VDC

Warranty

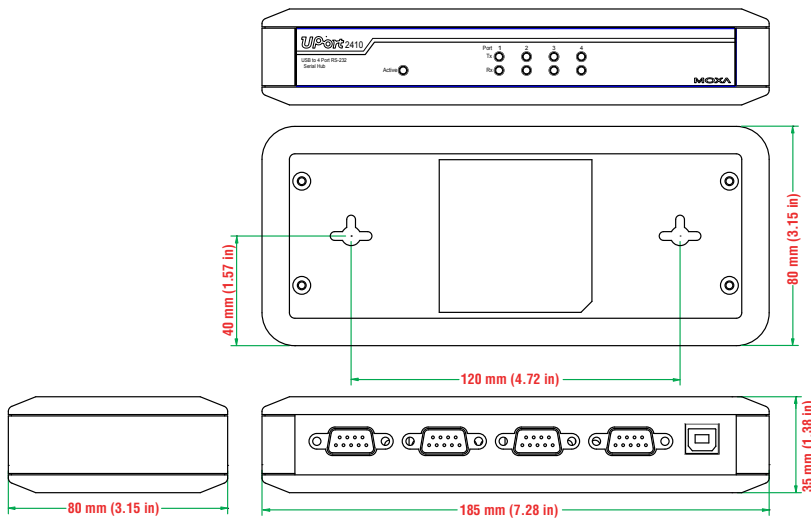
Warranty Period: 5 years
Details: See www.moxa.com/warranty

Dimensions

UPort™ 2210



UPort™ 2410



Ordering Information

Available Models

UPort™ 2210: 2-port RS-232 USB-to-serial converter
UPort™ 2410: 4-port RS-232 USB-to-serial converter

Package Checklist

- UPort™ 2210 or UPort™ 2410
- USB-IF certified cable
- Document and Software CD
- Quick Installation Guide (printed)
- Warranty Card