

# UPort™ 2210

## 2-port RS-232 USB-to-serial converter



- > 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
- > Certified drivers provided for Windows (including Vista) and Linux
- > Supports Fixed-Base COM Utility for setting the initial extended COM port number
- > Easy monitoring with LEDs and management software



The certification logos shown here apply to some or all of the products in this section. Please see the **Specifications** section or Moxa's website for details.

### Instant Plug & Play

The UPort™ 2210 USB-to-serial converter allows you to connect 2 RS-232 devices to your laptop or workstation through the USB (Universal Serial Bus) port. The UPort™ 2210 is a cost-effective

solution for both new and legacy RS-232 devices, and is 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

In addition, the UPort 2210 provides a Windows utility to support 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 on setup time and cost, but also provides users with a solution suitable for a variety of applications.

### Specifications

#### USB

**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:** 2  
**Serial Standards:** RS-232  
**Connectors:** 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, Space, Mark  
**Flow Control:** RTS/CTS  
**I/O Address:** Assigned by BIOS  
**IRQ:** Assigned by BIOS  
**FIFO:** 16 bytes

#### Serial Signals

**RS-232:** Tx/D, Rx/D, 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)  
**Dimensions:** 70 x 35 x 120 mm (2.76 x 1.38 x 4.72 in)

**Environmental Limits**

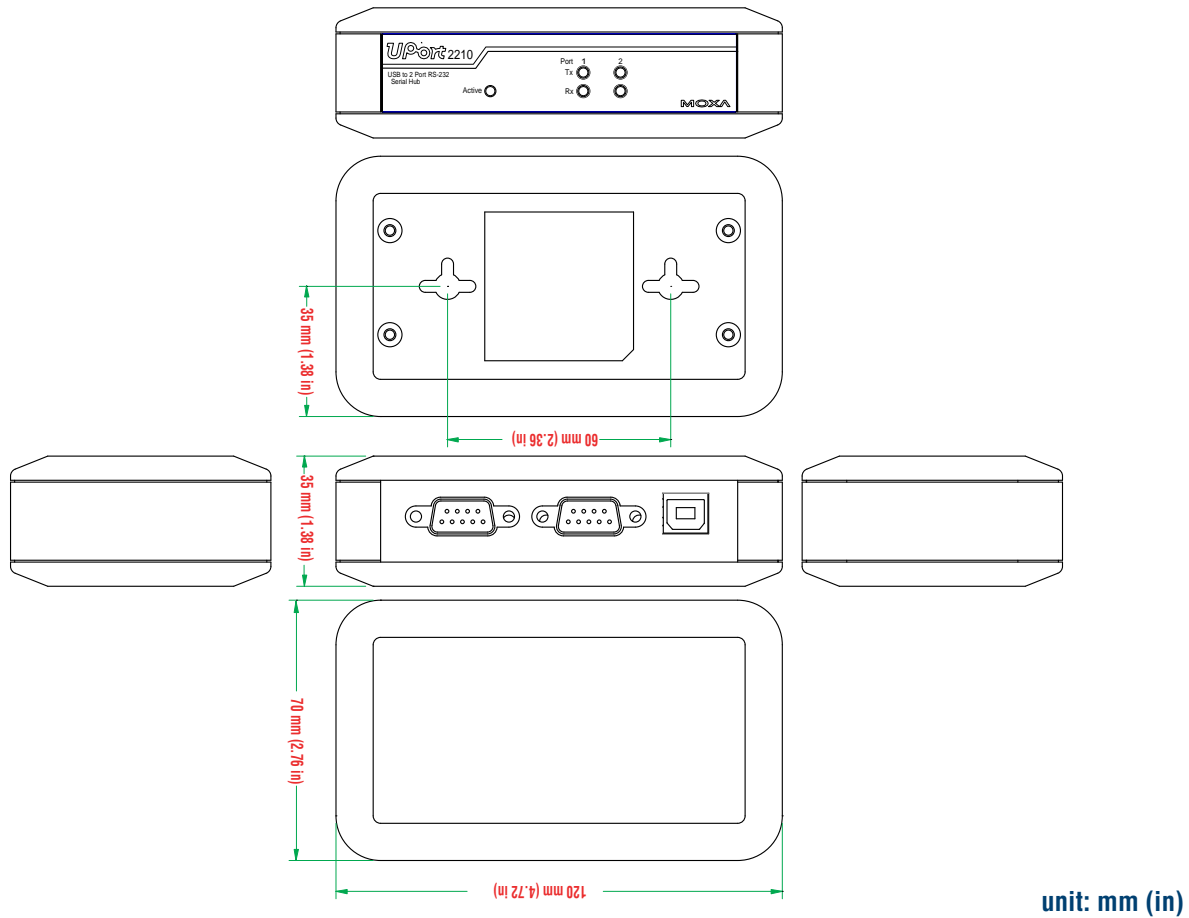
**Operating Temperature:** 0 to 55°C (32 to 131°F)  
**Operating Humidity:** 5 to 95% RH  
**Storage Temperature:** -20 to 75°C (-4 to 167°F)

**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

**Warranty**

**Warranty Period:** 5 years  
**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

**Dimensions**



**Ordering Information**

**Available Models**

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

**Package Checklist**

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