

# UPort™ 1110/1130

## 1-port RS-232 and RS-422/485 USB-to-serial converters



Terminal Block Adaptor for UPort™ 1130

- > Compatible with USB 2.0
- > 12 Mbps USB data rate
- > 921.6 Kbps maximum baudrate for super fast data transmission
- > Drivers provided for Windows (including Vista), WinCE 5.0, and Linux
- > DB9 male connector for RS-232, terminal block adaptor for RS-422/485
- > LEDs for indicating USB and TxD/RxD activity
- > 15 KV ESD protection for all serial ports

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.



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USB Connectivity > UPort™ 1110/1130

### Instant Plug & Play

The UPort™ 1110/1130 USB-to-serial converters are the perfect accessory for laptop computers that don't have a serial port. The UPort™ 1110 converts from USB to RS-232, and the UPort™ 1130

converts from USB to RS-422/485. Both products are compatible with new and legacy RS-232 devices, and can be used with mobile, instrumentation, and point-of-sale applications.

### Specifications

#### USB

**Compliance:** USB 1.0/1.1 compliant, USB 2.0 compatible  
**Connector:** USB type A  
**Speed:** 12 Mbps (Full-Speed USB)

#### Serial Interface

**Number of Ports:** 1  
**Serial Standards:**  
 UPort™ 1110: RS-232  
 UPort™ 1130: RS-422/485

**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, XON/XOFF  
**I/O Address:** Assigned by BIOS

**IRQ:** Assigned by BIOS

**FIFO:** 64 bytes

#### Serial Signals

**RS-232:** TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND  
**RS-422:** TxD+(B), TxD-(A), RxD+(B), RxD-(A), GND  
**RS-485-4w:** TxD+(B), TxD-(A), RxD+(B), RxD-(A), GND  
**RS-485-2w:** Data+(B), Data-(A), GND

#### Driver Support

**Operating Systems:** Windows (2000, XP x86/x64, 2003 x86/x64, Vista x86/x64), WinCE 5.0, Linux 2.6 x86/x64

#### Physical Characteristics

**Housing:** ABS + PC  
**Weight:**  
 Product only: 85 g (0.19 lb)  
 Packaged:  
 UPort™ 1110: 170 g (0.37lb)  
 UPort™ 1130: 190 g (0.42lb)  
**Dimensions:** 37.5 x 60 x 20.5 mm (1.48 x 2.36 x 0.81 in)

#### Environmental Limits

**Operating Temperature:** 0 to 55°C (32 to 131°F)  
**Operating Humidity:** 5 to 95% RH  
**Storage Temperature:** -20 to 70°C (-4 to 158°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 61000-4-8, FCC Part 15 Class B

#### Power Requirements

**Power Consumption:**  
 UPort™ 1110: 30 mA @ 5 VDC  
 UPort™ 1130: 90 mA @ 5 VDC

#### Warranty

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

### Ordering Information

#### Available Models

**UPort™ 1110:** 1-port RS-232 USB-to-serial converter  
**UPort™ 1130:** 1-port RS-422/485 USB-to-serial converter

#### Package Checklist

- UPort™ 1110 or UPort™ 1130 USB-to-serial converter
- 1 mini DB9 female to terminal block adaptor (UPort™ 1130)
- Document and Software CD
- Quick Installation Guide (printed)
- Warranty Card