

# UPort® 1100 Series (cable-type)

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



Terminal Block Adaptor for UPort® 1130I/1130I/1150

- > Compatible with USB 2.0
- > 12 Mbps USB data rate
- > 921.6 Kbps maximum baudrate for super fast data transmission
- > Drivers provided for Windows, WinCE, and Linux
- > Mini DB9 female to terminal block adaptor for easy wiring
- > LEDs for indicating USB and TxD/RxD activity
- > 15 KV ESD protection for all serial ports
- > 2 KV optical isolation protection (UPort® 1130I only)



### Instant Plug & Play

The UPort® 1110/1130/1130I/1150 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, the UPort®

1130/1130I from USB to RS-422/485, and the UPort® 1150 from USB to RS-232/422/485. All three products are compatible with new and legacy serial devices, and can be used with mobile, instrumentation, and point-of-sale applications.

### Specifications

#### USB Interface

**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® 1130/1130I: RS-422/485

UPort® 1150: RS-232/422/485

**Connector:** DB9 male

#### Serial Line Protection

**ESD Protection:** 15 KV embedded

**Optical Isolation:** 2 KV (UPort® 1130I only)

#### 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:

- UPort® 1110/1130/1150: Windows (98/ME/2000, XP/2003/Vista x86/x64), WinCE 5.0/6.0, Linux 2.4, Linux 2.6 x86/x64
- UPort® 1130I: Windows (98/ME/2000, XP/2003/Vista x86/x64), Linux 2.6 x86/x64

#### Physical Characteristics

**Housing:** ABS + PC

##### Weight:

Product only: 65 g (0.14 lb)

Packaged: 200 g (0.44 lb)

**Dimensions:** 38.4 x 60 x 20 mm (1.51 x 2.36 x 0.79 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-61000-4-6, IEC 61000-4-8, IEC-61000-4-11, FCC Part 15 Class B

#### Power Requirements

##### Power Consumption:

UPort® 1110: 30 mA @ 5 VDC

UPort® 1130: 60 mA @ 5 VDC

UPort® 1130I: 65 mA @ 5 VDC

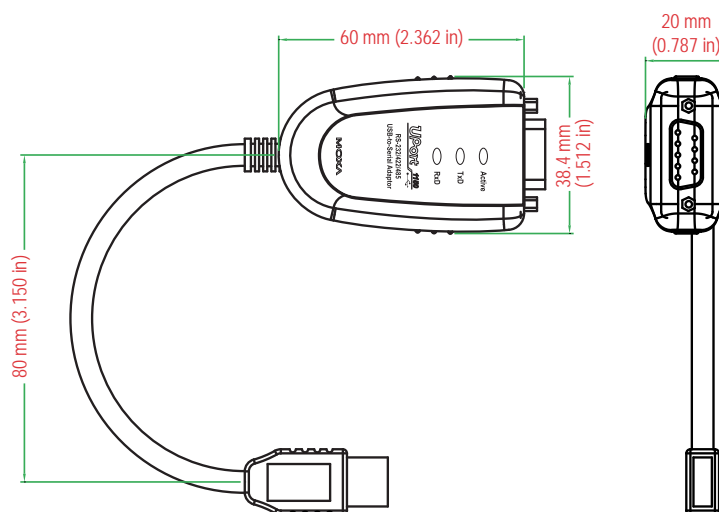
UPort® 1150: 77 mA @ 5 VDC

#### Warranty

**Warranty Period:** 5 years

**Details:** See [www.moxa.com/warranty](http://www.moxa.com/warranty)

## Dimensions



## 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
- UPort® 1130I:** 1-port RS-422/485 USB-to-serial converter with 2 KV optical isolation
- UPort® 1150:** 1-port RS-232/422/485 USB-to-serial converter

### Package Checklist

- UPort® 1110 or 1130 or 1130I or 1150 USB-to-serial converter
- 1 mini DB9 female to terminal block adaptor (UPort™ 1130, 1130I, and 1150 only)
- Document and Software CD
- Quick Installation Guide (printed)
- Warranty Card