

UPort™ 1110/1130/1150

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



Terminal Block Adaptor for UPort™ 1130/1150

- > 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

The certification logos shown here apply to some or all of the products in this section. For details, see "Regulatory Approvals" under "Specifications" below.



Instant Plug & Play

The UPort™ 1110/1130/1150 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 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: RS-422/485

UPort™ 1150: RS-232/422/485

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, 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 (98/ME/2000, XP/2003/Vista x86/x64), WinCE 5.0/6.0, Linux 2.4, 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: 90 mA @ 5 VDC

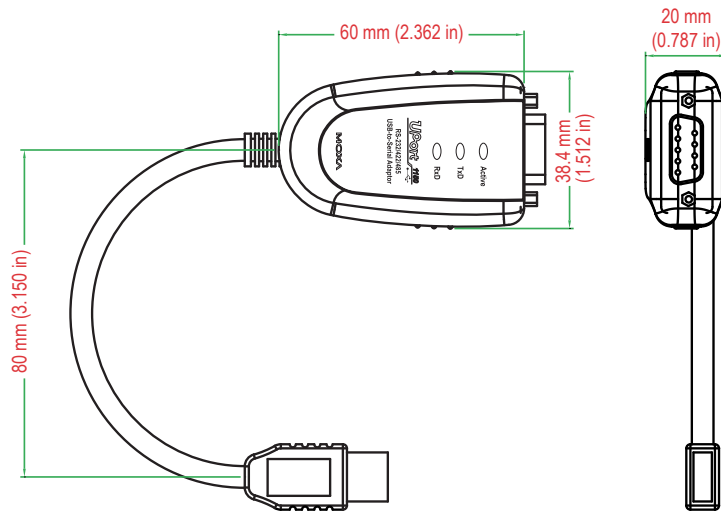
UPort™ 1150: 77 mA @ 5 VDC

Warranty

Warranty Period: 5 years

Details: See 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™ 1150:** 1-port RS-232/422/485 USB-to-serial converter

Package Checklist

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