**UPort® 1100 Series (cable-type)**

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

- 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)

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: 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
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