

UPort 1130

1-port RS-422/485 USB-to-Serial Adaptor



Mini DB9F-to-TB

Features

- > Fully compatible with USB 2.0
- > Software selectable RS-422, 4-wire RS-485, and 2-wire RS-485
- > Male DB9 and Terminal Block for easy wiring
- > Active (USB), TxD/RxD LEDs
- > Built-in 15 KV ESD Protection
- > Serial transmission speed up to 921.6 Kbps



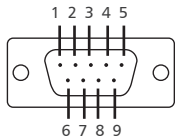
Instant Plug and Play

The UPort 1130 enables your laptop or workstation with the ability to communicate between a USB (Universal Serial Bus) port and one RS-422/485 serial peripheral. The UPort 1130 adds 1 Windows serial COM

port through the PC's USB port, and is compatible with both new and legacy RS-422/485 devices. This plug and play USB solution is perfect for mobile, instrumentation, and point-of-sale applications.

Pin Assignment

Male DB9



PIN	RS-422/4-wire RS-485	2-wire RS-485
1	TxD-(A)	—
2	TxD+(B)	—
3	RxD+(B)	Data+(B)
4	RxD-(A)	Data-(A)

PIN	RS-422/4-wire RS-485	2-wire RS-485
5	GND	GND
6	—	—
7	—	—
8	—	—

Specifications

USB

USB 1.1 compliant; USB 2.0 compatible

Connector: USB type A

Speed: Full speed 12 Mbps

Serial Interface

RS-422: TxD+(B), TxD-(A), RxD+(B), RxD-(A), GND

4-wire RS-485: TxD+(B), TxD-(A), RxD+(B), RxD-(A), GND

2-wire RS-485: Data+(B), Data-(A), GND

Connector: Male DB9

FIFO: 64 bytes

Serial Communication Parameters

Parity: None, Even, Odd, Space, Mark

Data Bits: 5, 6, 7, 8

Stop Bit(s): 1, 1.5, 2

I/O address/IRQ: BIOS assigned

Flow control: XON/XOFF

Speed: 50 bps to 921.6 Kbps

Power and Environment

Operating Temperature: 0 to 55°C (32 to 131°F)

Operating Humidity: 5 to 95% RH

Storage Temperature: -20 to 85°C (-4 to 185°F)

Dimensions (W x D x H): 37.5 x 60 x 20.5 mm

Mechanical Specifications

Material: ABS + PC

Gross Weight: 60 g (0.13lb)

ESD Protection: Embedded 15 KV ESD Protection

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

Warranty: 5 years

Ordering Information

UPort 1130: 1-port RS-422/485 USB-to-Serial Adaptor

Package Checklist

- 1 USB-to-Serial Adaptor
- Quick Installation Guide
- Document and Software CD-ROM
- Mini DB9F-to-TB (Female DB9 to Terminal Block)