

# NPort U1110

## 1-Port RS-232 USB-to-Serial Adaptor

### Features

- Fully compliant with USB 2.0
- Supports 12 Mbps USB data rate
- No additional I/O and IRQ required
- RS-232 speed up to 921.6 Kbps
- Supports Win98/ME/2K/XP/2003 driver
- Male DB9 connectors for RS-232
- Active (USB), TxD/RxD (RS-232) LEDs
- Built-in 15 KV ESD Surge Protection



### Instant Plug and Play

NPort U1110 enables your laptop or workstation with the ability to communicate between a USB (Universal Serial Bus) port and 1 RS-232 serial peripheral. NPort U1110 adds 1 Windows serial COM port via the PC's USB port, and is

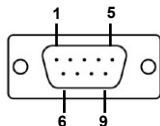
compatible with both new or legacy RS-232 devices. This plug and play USB solution is perfect for mobile, instrumentation, and point-of-sale applications.

### Simplified, Hassle-Free Serial Port Expansion

USB plug and play allows easy serial port expansion without using the PC's IRQ, DMA, and I/O address resources. Save on setup time

and cost by connecting to your serial device without opening the chassis and powering down the system.

### Pin Assignment



Male DB9

PIN	RS-232
1	DCD
2	RxD
3	TxD

PIN	RS-232
4	DTR
5	GND
6	DSR

PIN	RS-232
7	RTS
8	CTS
9	---

### Specifications

#### USB

**Compliant with USB 1.0, 1.1, 2.0**

**Connector:** USB type A

**Speed:** Full speed 12 Mbps

#### Serial

**No. of Ports:** 1

**Interface:**

RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

**Connector:** Male DB9

**FIFO:** 64 bytes

**Serial line protection:** 15 KV ESD for all signals

#### Serial Communication Parameters

**Parity:** None, Even, Odd, Space, Mark

**Data bits:** 5, 6, 7, 8

**Stop bits:** 1, 1.5, 2

**Flow control:** RTS/CTS, XON/XOFF

**Speed:** 50 to 921.6 Kbps

**Power Consumption:** 30 mA @ 5 VDC

**Dimensions:** 37.5 x 20.5 x 60 mm (L x W x H)

#### Mechanical Specifications

**Material:** ABS + PC

**Gross Weight:** 60g (0.13 lb)

#### Environmental

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

**Storage Temperature:** -20 to 75°C (-4 to 167°F)

**Operating Humidity:** 5 to 95% RH

**Warranty:** 5 years

### Ordering Information

**NPort U1110:** 1-Port RS-232 to USB Adaptor

#### Includes:

- 1 USB-to-Serial adaptor

- Quick Installation Guide
- Documentation and Software CD-ROM