

NPort 1240

4-Port RS-232 USB-to-Serial HUB

Features

- Add 4 RS-232 ports via USB
- Hassle-free solution with 4 RS-232 serial ports
- Hot plug and play
- No additional I/O or IRQ required
- RS-232 speed up to 115.2 Kbps
- Supports USB 1.1, full rate speed up to 12 Mbps
- Built-in 16 KV ESD Surge Protection
- Supports Win98/ME/2000/XP drivers
- Supports both bus power and external power



Instant Plug and Play

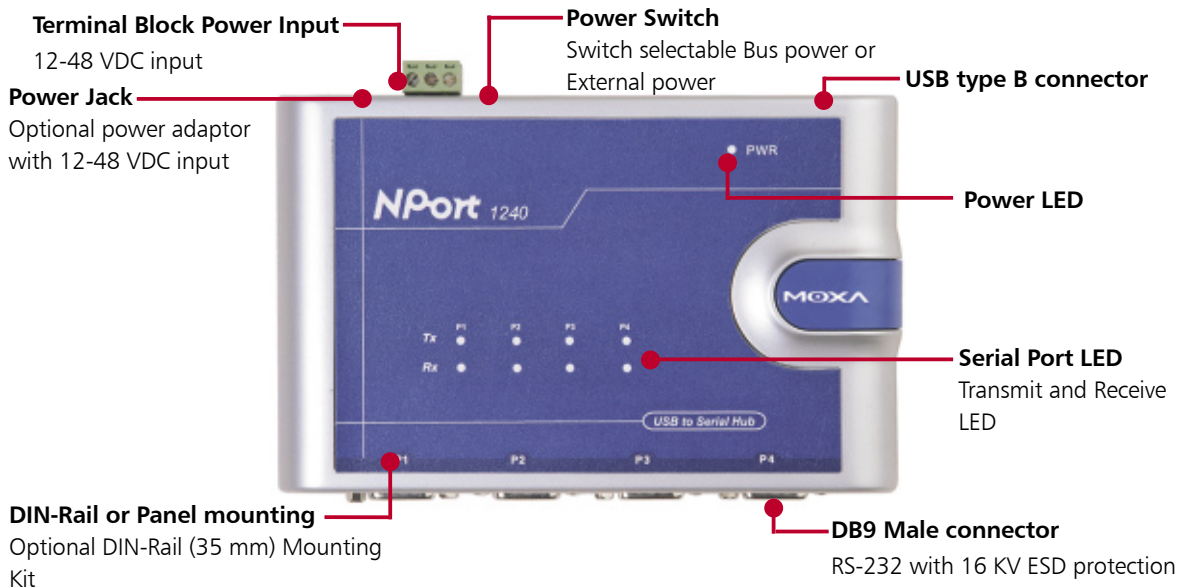
NPort 1240 enables your laptop or workstation with the ability to communicate between a USB (Universal Serial Bus) port and up to 4 RS-232 serial peripherals. NPort 1240 adds 4 Windows serial COM ports via its USB connection and is

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

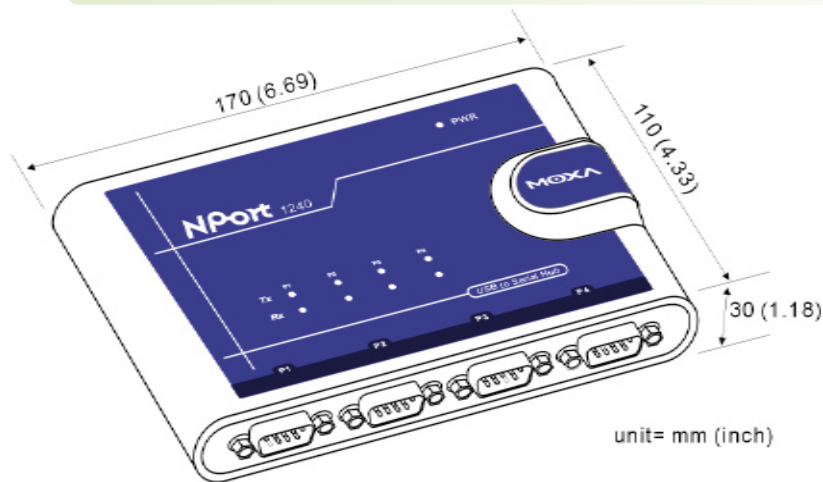
Simplified, Hassle-Free Serial Port Expansion

USB plug and play allows easy serial port expansion that requires no IRQ, DMA, or I/O address resources. Users no

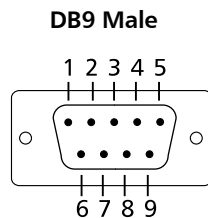
longer need to open the chassis or power down the system, saving on setup time and cost.



Dimensions



Pin Assignment



PIN	RS-232
1	DCD
2	RxD
3	TxD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	---

Specifications

USB

Compliant with USB 1.1, 1.0

USB 2.0 backwards compatible

Connector: USB type B

Speed: Full speed 12 Mbps

Serial

No. of Ports: 4

Interface:

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

Connector: DB9 Male

FIFO: 128 bytes

Serial line protection: 16 KV ESD for all signals

Serial Communication Parameters

Parity: None, Even, Odd

Data bits: 7, 8

Stop bit: 1, 2

Flow control: RTS/CTS, XON/XOFF

Speed: 600 to 115.2 Kbps

Power Requirements

Power Input: 12 to 48 VDC (external) or 5 VDC (Bus power)

Power Consumption: BUS: 172 mA @ 5 VDC
Ext. PWR: 117 mA @ 12 VDC

Mechanical Specifications

Material: ABS

Gross Weight: 220±5g (0. 48 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

Regulatory Approvals

EMC: FCC (Class B), CE

Safety: UL, CUL, TÜV

Warranty: 5 years

Ordering Information

NPort 1240: USB to 4-Port RS-232 Serial HUB

All Items Includes:

- 1 USB-to-Serial HUB
- Quick Installation Guide

- Documentation and Software CD-ROM

Optional Accessory:

- DK-35B DIN-Rail Mounting Kit (35 mm)