

NPort 1240

4-Port RS-232 USB Serial HUB

Features

- Add 4 RS-232 ports through 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



Instantly Plug and Play

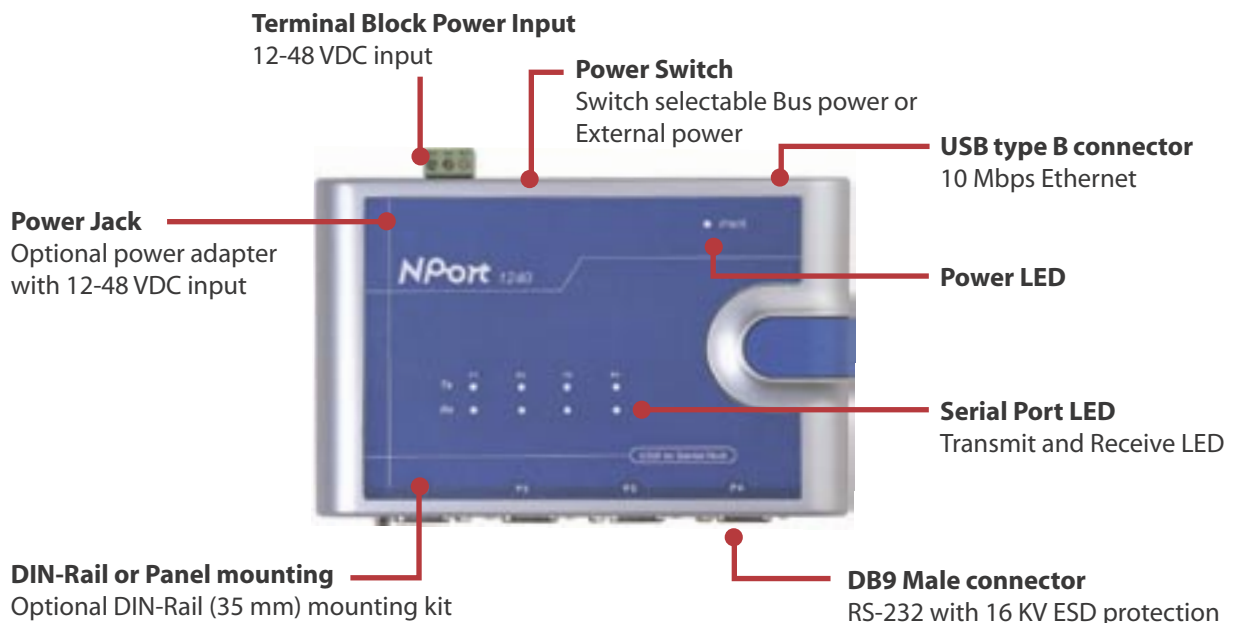
NPort 1240 enables your laptop or workstation with the ability to communicate between a USB (Universal Serial Bus) port and up to 4 RS-232 serial peripherals. NPort1240 adds 4 Windows serial COM ports via it's USB connection and is

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 port resources. Users no longer

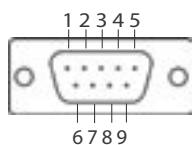
need to open the chassis or power down the system, saving setup time and cost.



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

Interface:
 RS-232: TxD, RxD, RTS, CTS, DTR, DSR, 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
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 85°C (-4 to 185°F)
Operating Humidity: 5 to 95% RH

Agency Approvals

EMC: FCC (Class B), CE (Class B)
Safety: UL, CUL, TÜV

Ordering Information

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