



[Zoom in Picture](#)

### ■ Features

- Can control 2 x RS232 and 1 x RS422/485 devices located virtually anywhere (via Ethernet or Internet)
- Auto-detecting 10/100Mbps Ethernet interface
- Built-in 1.5KV magnetic isolation
- Industrial-strength, highly reliable at all ports with surge protection 15kV ESD
- Capability for hot-swap, easy maintenance
- Provide pair-connection mode and host-based mode
- No host reboot required after adding new NPort Server Lite
- Support Windows NT/2000,XP, Windows 95/98/ME
- Support DHCP
- Self diagnostic and report

## Nport Server 5230

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### ■ Overview

NPort Server 5230 is an industrial-strength network-based serial device server for connecting up to four RS232 devices like CNCs, PLCs, weighing scales, scanners and other devices directly to the 10/100Mbps Ethernet network running TCP/IP.

In addition to allowing serial devices to get networked, any host (PC Server or Workstation) without network access can also access remote serial device via adding NPort Server Lite to the existing serial port. In other word, a pair of 1-port NPort Server can be configured over Ethernet and serve as a transparent serial channel without platform and distance limitation.

### ■ Applications

- SCADA system
- Building automation system
- Self-service banking system
- Other remote and distribute serial devices control
- Industrial / Factory / Laboratory automation
- Automatic warehouse control system
- Wafer fabrication system
- Retail system

### ■ Hardware

<b>Processor</b>	80186
<b>I/O controller</b>	16C550C or compatible
<b>Memory</b>	512K bytes
<b>Connector type</b>	Terminal block

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### ■ Interface

<b>LAN interface</b>	Auto-detecting 10BaseT/100BaseT
<b>Protocols</b>	TCP/IP, UDP, Telnet, DHCP, ICMP, BootP, DNS, SMTP, NTP,SNMP
<b>Serial interface</b>	1 x RS232, 1 x RS422/485
<b>No. of port</b>	1 + 1

## Signals

RS232 TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND  
RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND  
RS485 Data+/-, GND

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## ■ Performance

Speed	50 - 230.4Kbps
Max. no. of ports	256 per Windows NT/2000/XP, 128 per Windows 95/98/ME
Protocols	TCP/IP, ICMP, UDP, DHCP, BootP, Telnet, SNMP, HTTP, SMTP, NTP
Flow Control	RTS/CTS, Xon/Xoff only RS232 Version

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## ■ Configuration

Parity	None, even, odd, space, mark
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2
IRQ	Nil
I/O address	Nil
Server Configuration	via Web Browser Serial console Telnet console LCM Display with 4 push buttons Windows Utility

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## ■ Power and Environment

Operation temp.	0°C - 55°C
Surge Protection	15kV ESD 2KV Isolation only in 5430i
Operating humidity	5% - 95%
Power requirments	Power input 12 to 48V AC Terminal block
Power Consumption	315mA at 12V
Special	Built-in Buzzer Built-in Real time clock Built-in Watch dog

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## ■ Operating Systems supported

Real Com Drivers	WIN95/98/ME/NT/2K/XP
Real TTY Drivers	for Linux
Utilities	Nport Administrator for Win95/98/ME/NT/2K/XP
Dimension	67 x 100.4 x 22mm

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## ■ Safety

EMC	FCC Class A, CE Class A UL, CUL, TÜV
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## ■ Ordering Information

Art.No	711
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**Product Name**

Nport Server 5230

**Packing list**

NPort Server 5230  
CD, English documentation  
PComm Pro - professional serial comm developing tool (CD)  
Cross-wired 10/100 Mbps Ethernet Cable  
Optional DIN RAIL mounting KIT 35mm with 4 screws  
Two attachment plates with 6 screws

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