



[Zoom in Picture](#)

### ■ Features

- Can control 1 x RS232 and 1 x RS422/485 devices located virtually anywhere (via Ethernet or Internet)
- Extended temperature Range: -40°C - 75°C
- 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
- Support Windows NT/2000,XP/2003/Vista, Windows 95/98/ME
- Support DHCP
- Self diagnostic and report

## Nport 5230-T

[Quick Link:](#) | [Features](#) | [Overview](#) | [Applications](#) | [Hardware](#) | [Interface](#) | [Performance](#) | [Configuration](#) | [Power and Environment](#) | [Operating Systems supported](#) | [Safety](#) | [Ordering Information](#) | [Optional Accessories](#) |

### ■ Overview

NPort Server 5230 is an industrial-strength network-based serial device server for connecting up to two 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 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

[>Back to top](#)

### ■ 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

[>Back to top](#)

### ■ Performance

Speed	110 - 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

[>Back to top](#)

### ■ 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 Windows Utility

[>Back to top](#)

### ■ Power and Environment

Operation temp.	-40°C - 75°C
Surge Protection	15kV ESD
Operating humidity	5% - 95%
Power requirements	Power input 12 to 48V AC Terminal block
Power Consumption	347mA @ 12V
Special	Built-in Buzzer Built-in Real time clock Built-in Watch dog

[>Back to top](#)

### ■ Operating Systems supported

Real Com Drivers	WIN95/98/ME/NT/2K/XP/2003/Vista
Real TTY Drivers	for Linux
Utilities	Nport Administrator for Win95/98/ME/NT/2K/XP/2003/Vista
Dimension	67 x 100.4 x 22mm

[>Back to top](#)

### ■ Safety

EMC	FCC Class A, CE Class A UL, TÜV
-----	------------------------------------

[>Back to top](#)

### ■ Ordering Information

Art.No	4704
Product Name	Nport 5230-T

## Packing list

NPort 5230-T Serial Device Server  
Quick Installation Guide  
NPort Document and Software CD-ROM  
Power Jack to Terminal Block Power Cable

[>Back to top](#)

### ■ Optional Accessories

#### [DK 35A](#)

DIN-Rail mountig kit

[>Back to top](#)

### ■ Full size product image



[>Back to top](#)