



[Zoom in Picture](#)

■ Features

- Can control 2 x RS422/485 devices located virtually anywhere (via Ethernet or Internet)
- 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 5232

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■ Overview

NPort Server 5232 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

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

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■ Interface

LAN interface	Auto-detecting 10BaseT/100BaseT
Protocols	TCP/IP, UDP, Telnet, DHCP, ICMP, BootP, DNS, SMTP, NTP,SNMP
Serial interface	2 x RS422/485
No. of port	2

Signals

RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND
RS485 Data+/-, GND

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■ 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	Xon/Xoff

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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 Windows Utility
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■ Power and Environment

Operation temp.	0°C - 55°C
Surge Protection	15kV ESD
Operating humidity	5% - 95%
Power requirements	Power input 12 to 48V AC Terminal block
Power Consumption	360mA @ 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/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

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■ Safety

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

Art.No	4705
Product Name	Nport 5232

Packing list

NPort 5232 Serial Device Server
Quick Installation Guide
NPort Document and Software CD-ROM
Power Jack to Terminal Block Power Cable

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■ Optional Accessories

[DK 35A](#)

DIN-Rail mountig kit

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■ Full size product image



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