



[Zoom in Picture](#)

### ■ Features

- Can control 1 x RS232/422/485 devices located virtually anywhere (via Ethernet or Internet)
- Lan interface 10BaseT Ethernet
- Supports Windows 95/98/ME,NT/2000,XP, Linux real tty driver
- Support TCP/IP, UDP, Telnet, RTelnet, DHCP, ICMP
- supports industrial 12/24 VDC
- Switches selectable RS232/422/485 interface

## DE-211 NPort Express

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### ■ Overview

NPort Server Express is an industrial-strength network-based serial device server for connecting one RS232/422/485 device like CNC, PLC, weighting scale, scanner and other devices directly to the 10BaseT 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 Express to the existing serial port. In other word, NPort Server Express 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>	DB25 female

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### ■ Interface

<b>LAN interface</b>	10BaseT
<b>Protocols</b>	TCP/IP, UDP, Telnet, DHCP, ICMP, HTTP, SNMP V1/2c/3, DNS
<b>Serial interface</b>	RS232/422/485
<b>No. of port</b>	1

## Signals

RS422 TxD+/-, RxD+/-, RTS+/-, CTS+/-, GND  
RS485 2 wire Data+/-, GND  
RS485 4 wire TxD+/-, RxD+/-, 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

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## ■ Configuration

Parity	None, even, odd, space, mark
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2 (non parity only)
IRQ	Nil
I/O address	Nil
Operation Modes	Driver Mode, TCP Server/Client, UDP Server/Client, Pair connection, Ethernet Modem

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## ■ Power and Environment

Operation Temp.	0°C - 55°C
Storage Temp.	-20°C - 85°C
Surge Protection	15kV ESD
Power requirements	12-30V DC
Power Consumption	150mA/12V
Dimension	67 x 100.4 x 22mm

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## ■ Operating Systems supported

Operating systems	XP,Windows 95/98/ME,NT/2000,Linux real tty
Operation mode	Driver mode, TCP Server, TCP Client, UDP Server/Client, Ethernet modem, Pair connection

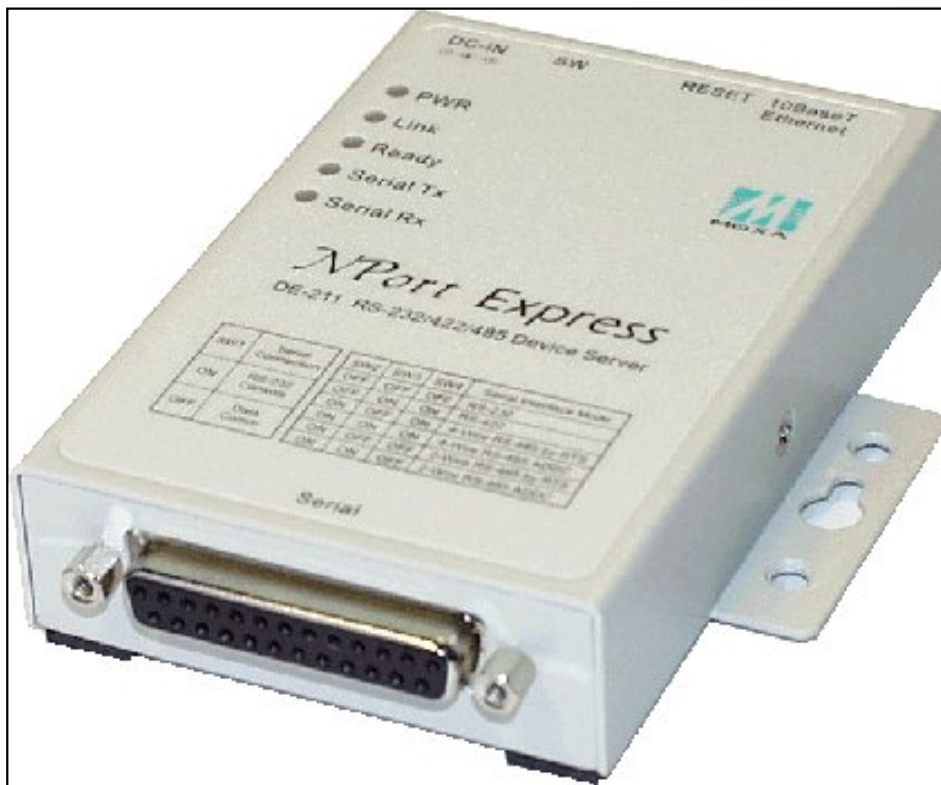
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## ■ Ordering Information

Art.No	765
Product Name	DE-211 Nport Server Express
Packing list	DE-211 Nport Server Express Power Adapter CD, English documentation

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## ■ Full size product image



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