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## ■ Features

- Can control 16 x RS232/422/485 devices located virtually anywhere (via Ethernet or Internet)
- Auto-detecting 10/100Mbps Ethernet interface
- LCM (Liquid Crystal Module) interface with four push buttons for setting up IP address
- NPort Administrator Utilities

# Nport 5650-16

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## ■ Overview

NPort Server 5650-16 is an industrial-strength network-based serial device server for connecting 16x RS422/485 device like CNCs, PLCs, weighting 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 5650-16 to the existing serial ports. In other word, NPort 5650-16 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

**Connector type** RJ45 (8-pin)

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## ■ Interface

**LAN interface** Auto-detecting 10BaseT/100BaseT

**Serial interface** RS232/422/485

**No. of port** 16

**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 bps - 921.6Kbps

<b>Max. no. of ports</b>	256 per Windows NT/2000/XP, 128 per Windows 95/98/ME
<b>Protocols</b>	TCP/IP, ICMP, UDP, DHCP, BootP, Telnet, SNMP, HTTP, SMTP, NTP
<b>Flow Control</b>	RTS/CTS, Xon/Xoff

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## ■ Configuration

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

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## ■ Power and Environment

<b>Operation temp.</b>	0°C - 55°C
<b>Surge Protection</b>	15kV ESD
<b>Power requirments</b>	Power input 100 to 240V AC
<b>Power Consumption</b>	158mA @ 100 VAC 102mA @ 240 VAC

### Special

- RS485 Automatic Data Direction Control ADDC
  - Built-in Buzzer
    - Built-in Real time clock
      - Built-in Watch dog

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## ■ Operating Systems supported

<b>Real Com Drivers</b>	WIN95/98/ME/NT/2K/XP/2003/Vista
<b>Real TTY Drivers</b>	for Linux
<b>Utilities</b>	Nport Administrator for Win95/98/ME/NT/2K/XP/2003/Vista
<b>Dimension</b>	440(w)x198(d)x45(h)

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## ■ Safety

<b>EMC</b>	FCC Class A, CE Class A UL, TÜV
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## ■ Ordering Information

<b>Art.No</b>	4712
<b>Product Name</b>	Nport 5650-16
<b>Packing list</b>	NPort 5650-16 Serial Device Server Quick Installation Guide NPort Document and Software CD-ROM Power Cord

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■ Full size product image



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