# **NPort 5400 Series**

4-port RS-232/422/485 serial device servers





- User-friendly LCD panel for easy installation
- · Adjustable termination and pull high/low resistors
- Socket modes: TCP server, TCP client, UDP
- · Configure by Telnet, web browser, or Windows utility
- SNMP MIB-II for network management
- 2 kV isolation protection for NPort 5430I/5450I/5450I-T
- -40 to 75°C operating temperature range (-T model)

## Certifications



## Introduction

NPort® 5400 device servers provide many useful features for serial-to-Ethernet applications, including an independent operation mode for each serial port, user-friendly LCD panel for easy installation, dual DC power inputs, and adjustable termination and pull high/low resistors.

#### **Network Readiness for up to 4 Serial Devices**

NPort® 5400 device servers can conveniently and transparently connect up to four serial devices to an Ethernet network, allowing you to network your existing serial devices with only basic configuration. Data transmission between the serial and Ethernet interfaces is bidirectional. By using NPort® device servers, you not only protect your current hardware investment, but also allow for future network expansion. You can both centralize the management of your serial devices and distribute management hosts over the network.

#### **Independent Operation Mode for Each Serial Port**

NPort® 5400 device servers can be used to connect different devices for remote data polling or event handling over a TCP/IP network. Each serial port on the NPort® 5400 operates independently to provide maximum versatility. For example, port 1 can operate in Driver mode, port 2 in TCP Server mode, and ports 3 and 4 in TCP Client mode.

#### **User-friendly LCD Panel for Easy Installation**

An LCD panel is built into the NPort® 5400's top panel, with four buttons for data input, configuration, and operation mode selection. The LCD panel displays the server name, serial number, and IP address, and it can be used to enter or modify parameters such as IP address, netmask, and gateway. (The LCD panel is not available on wide-temperature models.)



NPort® 5400 device servers support dual power sources by providing both a DC terminal block input and a DC power jack input. Providing two types of power inputs gives users greater flexibility for use with different applications.

#### Adjustable Termination and Pull High/Low Resistors

The NPort 5400 Series provides adjustable termination and pull high/ low resistors for RS-485 applications. In some critical environments, termination resistors may be needed to prevent the reflection of serial signals, and the pull high/low resistors may need adjusting to maintain the integrity of the electrical signal. Since no set of resistor values is universally compatible with all environments, the NPort® 5400 has four sets of DIP switches on the bottom panel to set the termination and pull high/low resistor values.









# **Specifications**

## Ethernet Interface

Ethemetimenace	
10/100BaseT(X) Ports (RJ45 connector)	1
Magnetic Isolation Protection	1.5 kV (built-in)
Ethernet Software Features	
Configuration Options	Telnet Console Windows Utility Web Console (HTTP/HTTPS)
Management	ARP BOOTP DHCP Client DNS HTTP HTTPS ICMP IPv4 LLDP Rtelnet SMTP SNMPv1/v2c TCP/IP Telnet UDP
Filter	IGMP v1/v2
Windows Real COM Drivers	Windows 11/10/8.1/8/7/Vista/XP/ME/98/95 Windows Server 2022/2019/2016/2012 R2/2012/2008 R2/2008/2003/2000/NT Windows Embedded CE 5.0/6.0, Windows XP Embedded
Linux Real TTY Drivers	Kernel Versions: 6.x, 5.x, 4.x, 3.x, 2.6.x, and 2.4.x
Fixed TTY Drivers	macOS Versions: 10.12 to 10.15, 11.x SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5. x, HP-UX 11i, Mac OS X
Arm®-based Platform Support	Linux Kernel 5.x/4.x
Virtual Machine	VMWare ESXi (Windows 11 / 10) VMware Fusion (Windows on macOS 10.12 to 11.x) Parallels Desktop (Windows on macOS 10.12 to 11.x)
Android API	Android 3.1.x and later
Time Management	SNTP
Security Functions	
Authentication	Local database
Encryption	HTTPS AES-128 RSA-1024 SHA-1 SHA-256
Security Protocols	HTTPS (TLS 1.2) SNMPv3
Serial Interface	
Connector	NPort 5410/5450/5450-T/5450I/5450I-T: DB9 male NPort 5430/5430I: Terminal block
No. of Ports	4



Serial Standards         NPort 5410 (Nature RS-222, RS-485)           Operation Modes         Real COM NPort 5530 Models: RS-232, RS-422, RS-485           Operation Modes         Real COM NPOR 5530 Models: RS-232, RS-422, RS-485           Baudrate         Seports standard bad/rates [wink-bop]: 50, 75, 110, 154, 150, 300, 600, 1200, 1800, 2400, 4000, 7000, 9000, 15200, 3400, 7000, 115200, 200, 4, 400, 81, 921, 68           Baudrate         Seports standard bad/rates [wink-bop]: 50, 75, 110, 154, 150, 300, 600, 1200, 1800, 2400, 4000, 7000, 9000, 15200, 3400, 7000, 115200, 200, 4, 400, 81, 921, 68           Data Bits         S, 6, 7, 8           Stop Bits         1, 1, 6, 2           Party         None, Even, Odd, Space, Mark           Flow Control         TTS/CTS (RS-232 conf) XOUX/OFF           Flow Control         LTS/CTS (RS-232 conf) XOUX/OFF           Parting RV Resistor for RS-485         120 chrs           Terminator for RS-485         120 chrs           RS-485 Data Direction Control         Nort 5450/5450/5450/5450-T, ADDC (automatic data direction control)           Srial Signals         Tay, Tay, Rw, Rw, ODD           RS-485 Data Direction Control         Too, Fax, Fax, Rw, GND           RS-485 Law         Tay, Tay, Rw, Rw, ODD           RS-485 Law         Tay, Tay, Rw, SW, GND           RS-485 Law         Teomotion Said, Sing RA & 12 VDC Neort Said, Sing RA & 12 VDC Neort Said, Sing RA		
ICP Server CPC Client UDP Hermont Modelin Preconservice Deabled         Singerver CPC Server Preconservice Pre	Serial Standards	NPort 5430 Models: RS-422, RS-485
2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230.44, 460.84, 921.64       Data Bita     5, 6, 7, 8       Stop Bits     1, 1.5, 2       Parity     None, Even, Odd, Space, Mark       Flow Control     RTSCTS (R5-232 only) DTFUDS R (R5-230 only) Serial Signals       R5-485 Data Direction Control     NPort 5450/5450/5450/5450/5450/5450.75 ADDC (automatic data direction control)       Serial Signals     Txx, Tx, Rxx, GND       R5-485 Data Direction Control     Data+, Data-, GND       R5-485 Data Direction Control     Data+, Data-, GND       Power Parameters     Nort 540/5450/5450/5450.75 SDT & 12 VDC NPOrt 5430/5450/5450.75 SDT & 12 VDC NPOrt 5430/5450/5450.75 SDT & 12 VDC NPORT 5400/5400 AN & 12 VDC NPORT 5400/5400/5400 AN & 12 VDC       No. of Power inputs     2       Power Connector     1 removable 3-contract terminal block(s) Power input jack       Input Voltage     2 to 48 VDC, 24 VDC for DNV       Reliability     2       Automatic Reboot Trigger     Built-in WZZr and RTC (real-time clock)       Physical Characteristics     Built-in WZZr and RTC (real-time clock) <t< td=""><td>Operation Modes</td><td>TCP Server TCP Client UDP Ethernet Modem Pair Connection Reverse Telnet</td></t<>	Operation Modes	TCP Server TCP Client UDP Ethernet Modem Pair Connection Reverse Telnet
Stop Bits         1.1.5.2           Parity         None, Even, Odd, Space, Mark           Flow Control         RTS/CTS (RS-232 only) DTR/DSR (RS-232 only) DTR/DSR (RS-232 only) DTR/DSR (RS-232 only) DTR/DSR (RS-232 only) DTR/DSR (RS-232 only)           Isolation         2 kV isolation for NPort 5430/5450/5450/5450/-T           Pull High/Low Resistor for RS-485         1 kilo-ohm, 150 kilo-ohms           Terminator for RS-485         1 kilo-ohm, 150 kilo-ohms           RS-485 Data Direction Control         NPort 5450/5430/5450/5450/5450/-T ADDC (automatic data direction control)           Serial Signals         Tx0, RAD, RTS, CTS, DTR, DSR, DCD, GND           RS-485 Data Direction Control         Tx4, Tx., Rx4, Rx., GND           RS-485 ArW         Tx4, Tx., Rx4, Rx., GND           RS-485 ArW         Data+. Data-, GND           Power Parameters         NPort 5410/5450/5450-T; 365 m & 12 VDC NPort 5430: 320 m A & 12 VDC NPort 5430: 3400 m A & 12 VDC NPOR 54300: 3400 m A & 12 VDC NPOR 54300: 3400 m A & 12 VDC           Reliability         Item value           Automatic Reboot Trigger         Bullt-In WDT           Automatic Rebo	Baudrate	
Parity     None, Even, Odd, Space, Mark       Flow Control     DTR/DSP (RS-232 only) DTR/DSP (RS-232 only) XON/XOFF       Isolation     2 KV isolation for NP ort 5430/5450/5450/-T       Isolation     2 KV isolation for NP ort 5430/5450/5450/-T       Pull High/Low Resistor for RS-485     1 kilo-ohms       Terminator for RS-485     1 20 ohms       RS-485 Data Direction Control     NP ort 5450/5450/5450/5450/5450/-T: ADDC (automatic data direction control)       Serial Signals     TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND       RS-485 Data Direction Control     TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND       RS-485 Paw     TxA, Tx-, Rx+, Rx-, GND       RS-485-4w     Tx+, Tx-, Rx+, Rx-, GND       RS-485-2w     Data+, Data-, GND       Power Parameters     NPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5450: 320 mA @ 12 VDC NPort 5450: 330 mA @ 12 VDC NPort 5450: 330 mA @ 12 VDC NPort 5450: 330 mA @ 12 VDC NPOR 5450: 350 mA @ 12 VDC NPR 5450: 350 mA @ 12 VDC       Reliability     It in WDT   <	Data Bits	5, 6, 7, 8
Flow Control         RTS/CTS (RS-232 only) DTR/DSR (RS-232 only) DTR/DSR (RS-232 only) XON/XOFF           Isolation         2 kV isolation for NPort 5430/5450/5450/-T           Pull High/Low Resistor for RS-485         1 kilo-ohm .150 kilo-ohms           Terminator for RS-485         1 kilo-ohm .150 kilo-ohms           RS-485 Data Direction Control         NPort 5450/5450/5450/5450/5450/5450/-T           Serial Signals         Tx+, Tx+, Rx+, GND           RS-485 Aw         Nort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPORT 5450/54501-T: 550 mA @ 12 VDC NPART	Stop Bits	1, 1.5, 2
DTR/DSB (RS-222 only) XON/XOFFIsolation2 kV isolation for NPort 5430//5450//5450I-TPull High/Low Resistor for RS-4851 kilo-ohm, 150 kilo-ohmsTerminator for RS-485120 ohmsRS-485 Data Direction ControlNPort 5450//5450//5450/-T. ADDC (automatic data direction control)Serial SignalsTxD, RxD, RTS, CTS, DTB, DSB, DCD, GNDRS-422Tx+, Tx-, Rx+, Rx-, GNDRS-485-4wTx+, Tx-, Rx+, Rx-, GNDRS-485-2wData+, Data-, GNDPower ParametersNPort 5410//5450//5450-T: 365 mA @ 12 VDC NPort 54301: 430 mA @ 12 VDC NPORT 54301: 550 mA @ 12 VDC <b< td=""><td>Parity</td><td>None, Even, Odd, Space, Mark</td></b<>	Parity	None, Even, Odd, Space, Mark
Pull High/Low Resistor for RS-485       1 kilo-ohm, 150 kilo-ohms         Terminator for RS-485       120 ohms         RS-485 Data Direction Control       NPort 5450/5430//5450//5450//5450.7: ADDC (automatic data direction control)         Serial Signals       Tx0, Rx0, RTS, CTS, DTR, DSR, DCD, GND         RS-482       Tx9, Rx1, Rx+, GND         RS-485-4w       Tx+, Tx-, Rx+, Rx-, GND         RS-485-4w       Data+, Data-, GND         Power Parameters       Data+, Data-, GND         Input Current       NPort 5410/5450/5450-T: 365 mA @ 12 VDC NPOrt 5430!/5450!         NPort 5410/5450/5450-T: 365 mA @ 12 VDC NPOrt 5430!/5450!       NPort 5430!: 300 mA @ 12 VDC NPOrt 5430!/5450!         No. of Power Inputs       2         Power Connector       1 removable 3-contact terminal block(s) Power input jack         Input Voltage       12 to 48 VDC, 24 VDC for DNV         Reliability       Jutomatic Reboot Trigger         Automatic Reboot Trigger       Built-in buzzer and RTC (real-time clock)         Physical Characteristics       Hetal	Flow Control	DTR/DSR (RS-232 only)
Terminator for RS-485         120 ohms           RS-485 Data Direction Control         NPort 5450/5450/5450/5450/5450-T: ADDC (automatic data direction control)           Serial Signals         TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND           RS-232         TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND           RS-482         Tx+, Tx-, Rx+, Rx-, GND           RS-485-4w         Tx+, Tx-, Rx+, Rx-, GND           RS-485-2w         Data+, Data-, GND           Power Parameters         NPort 5410/5450/5450/5450-T: 355 mA @ 12 VDC NPORT 54300: 320 mA @ 12 VDC NPORT 54300: 340 mA @ 12 VDC NPORT 54500: 340 mA @ 12 VDC NPORT 54500: 350 mA @ 12 VD	Isolation	2 kV isolation for NPort 5430I/5450I/5450I-T
Rs-485 Data Direction Control         NPort 5450/5430//5450//5450/.7: ADDC (automatic data direction control)           Serial Signals         Tx0, Rx0, RTS, CTS, DTR, DSR, DCD, GND           Rs-232         Tx0, Rx0, RTS, CTS, DTR, DSR, DCD, GND           Rs-422         Tx+, Tx-, Rx+, Rx-, GND           Rs-485-4w         Tx+, Tx-, Rx+, Rx-, GND           Rs-485-2w         Data+, Data-, GND           Power Parameters         Input Current           Input Current         NPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 430 ma @ 12 VDC NPort 5430: 430 ma @ 12 VDC NPort 5430: 430 ma @ 12 VDC           No. of Power Inputs         2           Power Connector         1 removable 3-contact terminal block(s) Power input jack           Input Voltage         12 to 48 VDC, 24 VDC for DNV           Reliability         Eulit-in WDT           Automatic Reboot Trigger         Built-in WDT           Alert Tools         Built-in buzzer and RTC (real-time clock)           Physical Characteristics         Metal	Pull High/Low Resistor for RS-485	1 kilo-ohm, 150 kilo-ohms
Serial Signals         RS-232       TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND         RS-422       Tx+, Tx-, Rx+, Rx-, GND         RS-485-4w       Tx+, Tx-, Rx+, Rx-, GND         RS-485-2w       Data+, Data-, GND         Power Parameters       Data+, Data-, GND         Input Current       NPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 54301-T: 550 mA @ 12 VDC NPort 5450/54501-T: 550 mA @ 12 VDC         No. of Power Inputs       2         Power Connector       1 removable 3-contact terminal block(s) Power input jack         Input Voltage       12 to 48 VDC, 24 VDC for DNV         Reliability       Suilt-in WDT         Automatic Reboot Trigger       Built-in WDT         Alert Tools       Built-in buzzer and RTC (real-time clock)         Physical Characteristics       Metal	Terminator for RS-485	120 ohms
Rs-232TxD, RxD, RTS, CTS, DTR, DSR, DCD, GNDRS-422Tx+, Tx-, Rx+, Rx-, GNDRS-485-4wTx+, Tx-, Rx+, Rx-, GNDRs-485-2wData+, Data-, GNDPower ParametersInput CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 430 mA @ 12 VDC NPort 5450/5450/T: 550 mA @ 12 VDC NPORT 500 mA @ 12 VDC NDC 500 mA @ 12 VDC NDC	RS-485 Data Direction Control	NPort 5450/5430I/5450/5450I/5450-T: ADDC (automatic data direction control)
RS-422Tx+, Tx-, Rx+, Rx-, GNDRS-485-4wTx+, Tx-, Rx+, Rx-, GNDRS-485-2wData+, Data-, GNDPower ParametersInput CurrentInput CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 430 mA @ 12 VDC NPort 5450!/5450!-T: 550 mA @ 12 VDC NPORT 5450!/5450!/5450!-T: 550 mA @ 12 VDC NPORT 5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/5450!/	Serial Signals	
RS-485-4wTx+, Tx-, Rx+, Rx-, GNDRS-485-2wData+, Data-, GNDPower ParametersInput CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPOrt 5430: 430 mA @ 12 VDC NPOrt 5430: 430 mA @ 12 VDC NPOrt 5450/5450I-T: 550 mA @ 12 VDC NPOrt 5450/5450I-T: 550 mA @ 12 VDC NPOrt 5450I/5450I-T: 550 mA @ 12 VDC NPORT 5430: 430 mA @ 12 VDC NPORT 5430: 430 mA @ 12 VDC NPORT 5430: 430 mA @ 12 VDC NPORT 5450I/5450I-T: 550 mA @ 12 VDC NPORT 550 mA @ 12 VDCReliabilityEAutomatic Reboot TriggerBuilt-in WDT Built-in WDT NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT NOT 	RS-232	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
RS-485-2wData+, Data-, GNDPower ParametersInput CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 430 mA @ 12 VDC NPort 5430/5450I-T: 550 mA @ 12 VDC NPORT PUPLY Power input jackInput Voltage1ReliabilityAutomatic Reboot TriggerBuilt-in WDTAlert ToolsBuilt-in buzzer and RTC (real-time clock)Physical CharacteristicsHousingMetal	RS-422	Tx+, Tx-, Rx+, Rx-, GND
Power ParametersInput CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430: 430 mA @ 12 VDC NPort 5430! 430 mA @ 12 VDCNo. of Power Inputs2Power Connector1 removable 3-contact terminal block(s) Power input jackInput Voltage12 to 48 VDC, 24 VDC for DNVReliabilitySuilt-in WDTAutomatic Reboot TriggerBuilt-in WDTAlert ToolsBuilt-in buzzer and RTC (real-time clock)Physical CharacteristicsMetal	RS-485-4w	Tx+, Tx-, Rx+, Rx-, GND
Input CurrentNPort 5410/5450/5450-T: 365 mA @ 12 VDC NPort 5430: 320 mA @ 12 VDC NPort 5430!: 430 mA @ 12 VDC NPort 5450I/5450I-T: 550 mA @ 12 VDCNo. of Power Inputs2Power Connector1 removable 3-contact terminal block(s) Power input jackInput Voltage12 to 48 VDC, 24 VDC for DNVReliabilityAutomatic Reboot TriggerBuilt-in WDTAlert ToolsBuilt-in buzzer and RTC (real-time clock)Physical CharacteristicsMetal	RS-485-2w	Data+, Data-, GND
NPort 5430: 320 mA @ 12 VDC NPort 54301: 430 mA @ 12 VDC NPort 54301: 430 mA @ 12 VDCNo. of Power Inputs2Power Connector1 removable 3-contact terminal block(s) Power input jackInput Voltage12 to 48 VDC, 24 VDC for DNVReliabilityAutomatic Reboot TriggerBuilt-in WDTAlert ToolsBuilt-in buzzer and RTC (real-time clock)Physical CharacteristicsHousingMetal	Power Parameters	
Power Connector       1 removable 3-contact terminal block(s) Power input jack         Input Voltage       12 to 48 VDC, 24 VDC for DNV         Reliability       12 to 48 VDC, 24 VDC for DNV         Automatic Reboot Trigger       Built-in WDT         Alert Tools       Built-in buzzer and RTC (real-time clock)         Physical Characteristics       Metal	Input Current	NPort 5430: 320 mA @ 12 VDC NPort 5430I: 430 mA @ 12 VDC
Power input jack       Input Voltage     12 to 48 VDC, 24 VDC for DNV       Reliability     Input Voltage       Automatic Reboot Trigger     Built-in WDT       Alert Tools     Built-in buzzer and RTC (real-time clock)       Physical Characteristics     Metal	No. of Power Inputs	2
Reliability       Automatic Reboot Trigger     Built-in WDT       Alert Tools     Built-in buzzer and RTC (real-time clock)       Physical Characteristics     Housing       Metal     Metal	Power Connector	
Automatic Reboot Trigger     Built-in WDT       Alert Tools     Built-in buzzer and RTC (real-time clock)       Physical Characteristics     Metal	Input Voltage	12 to 48 VDC, 24 VDC for DNV
Alert Tools     Built-in buzzer and RTC (real-time clock)       Physical Characteristics     Housing       Metal	Reliability	
Physical Characteristics       Housing   Metal	Automatic Reboot Trigger	Built-in WDT
Housing Metal	Alert Tools	Built-in buzzer and RTC (real-time clock)
	Physical Characteristics	
Dimensions (with ears)         181 x 103 x 33 mm (7.14 x 4.06 x 1.30 in)	Housing	Metal
	Dimensions (with ears)	181 x 103 x 33 mm (7.14 x 4.06 x 1.30 in)

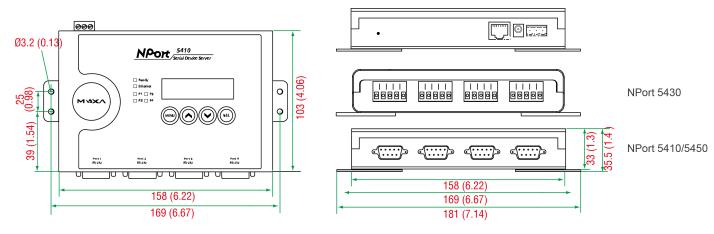


Dimensions (without ears)	158 x 103 x 33 mm (6.22 x 4.06 x 1.30 in)		
Weight	740 g (1.63 lb)		
Interactive Interface	LCD panel display (standard temp. models only) Push buttons for configuration (standard temp. models only)		
Installation	Desktop DIN-rail mounting (with optional kit) Wall mounting		
Environmental Limits			
Operating Temperature	Standard Models: 0 to 55°C (32 to 131°F) Wide Temp. Models: -40 to 75°C (-40 to 167°F)		
Storage Temperature (package included)	-40 to 75°C (-40 to 167°F)		
Ambient Relative Humidity	5 to 95% (non-condensing)		
Standards and Certifications			
EMC	EN 55032/35		
EMI	CISPR 32, FCC Part 15B Class A		
EMS	IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV; Signal: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF IEC 61000-4-11		
Safety	UL 62368-1		
Maritime	DNV		
Medical	EN 60601-1-2 Class B, EN 55011 (NPort 5410/5450/5450I models only)		
МТВЕ			
Time	NPort 5410: 880,274 hrs NPort 5430: 826,688 hrs NPort 5430l: 718,600 hrs NPort 5450: 773,682 hrs NPort 5450i: 678,381 hrs NPort 5450-T: 1,213,993 hrs NPort 5450I-T: 996,176 hrs		
Standards	Telcordia (Bellcore) Standard TR/SR		
Warranty			
Warranty Period	5 years		
Details	See www.moxa.com/warranty		
Package Contents			
Device	1 x NPort 5400 Series device server		
Power Supply	1 x nonlocking barrel plug to bare wires: CBL-PJTB-10		
Installation Kit	1 x wall-mounting kit		
Documentation	1 x quick installation guide 1 x warranty card		



## **Dimensions**

Unit: mm (inch)



## **Ordering Information**

Model Name	Serial Interface	Serial Interface Connector	Serial Interface Isolation	Operating Temp.	Input Voltage
NPort 5410	RS-232	DB9 male	-	0 to 55°C	12 to 48 VDC
NPort 5430	RS-422/485	Terminal block	-	0 to 55°C	12 to 48 VDC
NPort 5430I	RS-422/485	Terminal block	2 kV	0 to 55°C	12 to 48 VDC
NPort 5450	RS-232/422/485	DB9 male	-	0 to 55°C	12 to 48 VDC
NPort 5450-T	RS-232/422/485	DB9 male	-	-40 to 75°C	12 to 48 VDC
NPort 5450I	RS-232/422/485	DB9 male	2 kV	0 to 55°C	12 to 48 VDC
NPort 5450I-T	RS-232/422/485	DB9 male	2 kV	-40 to 75°C	12 to 48 VDC

# Accessories (sold separately)

Cables	
CBL-RJ45SF9-150	8-pin RJ45 to DB9 female serial cable with shielding, 1.5m
CBL-F9M9-20	DB9 female to DB9 male serial cable, 20 cm
CBL-F9M9-150	DB9 female to DB9 male serial cable, 1.5 m
CBL-RJ458P-100	8-pin RJ45 CAT5 Ethernet cable, 1 m
Connectors	
ADP-RJ458P-DB9F	DB9 female to RJ45 connector
Mini DB9F-to-TB	DB9 female to terminal block connector
DIN-Rail Mounting Kits	
DK35A	DIN-rail mounting kit, 35 mm
Power Adapters	
PWR-12150-WPUSJP-S2	Unlocking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, US/JP plug, 0 to 40°C operating temperature
PWR-12150-WPEU-S2	Unlocking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, EU plug, 0 to 40°C operating temperature
PWR-12150-WPUK-S2	Unlocking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, UK plug, 0 to 40°C operating temperature
PWR-12150-WPAU-S2	Unlocking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, AU plug, 0 to 40°C operating temperature
PWR-12150-WPCN-S2	Unlocking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, CN plug, 0 to 40°C operating temperature



CBL-PJTB-10

Non-locking barrel plug to bare-wire cable

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