

# NPort 6400/6600 Series

4/8/16/32-port RS-232/422/485 secure terminal servers



## Features and Benefits

- LCD panel for easy IP address configuration (standard temp. models)
- Secure operation modes for Real COM, TCP Server, TCP Client, Pair Connection, Terminal, and Reverse Terminal
- Nonstandard baudrates supported with high precision
- Port buffers for storing serial data when the Ethernet is offline
- Supports IPv6
- Ethernet redundancy (STP/RSTP/Turbo Ring) with network module
- Generic serial commands supported in Command-by-Command mode
- Security features based on IEC 62443

## Certifications



## Introduction

The NPort® 6000 is a terminal server that uses the SSL and SSH protocols to transmit encrypted serial data over Ethernet. Up to 32 serial devices of any type can be connected to the NPort® 6000, using the same IP address. The Ethernet port can be configured for a normal or secure TCP/IP connection. The NPort® 6000 secure device servers are the right choice for applications that use large numbers of serial devices packed into a small space. Security breaches are intolerable and the NPort® 6000 Series ensures data transmission integrity with support for DES, 3DES, and AES encryption algorithms. Serial devices of any type can be connected to the NPort® 6000, and each serial port on the NPort® 6000 can be configured independently for RS-232, RS-422, or RS-485 transmission.

## No Data Loss If Ethernet Connection Fails

The NPort® 6000 is a reliable device server that provides users with secure serial-to-Ethernet data transmission and a customer-oriented hardware design. If the Ethernet connection fails, the NPort® 6000 will queue all serial data in its internal 64 KB port buffer. When the Ethernet connection is re-established, the NPort® 6000 will immediately release all data in the buffer in the order that it was received. Users can increase the port buffer size by installing an SD card.

## LCD Panel Makes Configuration Easy

The NPort® 6600 has a built-in LCD panel for configuration. The panel displays the server name, serial number, and IP address, and any of the device server's configuration parameters, such as IP address, netmask, and gateway address, can be updated easily and quickly.

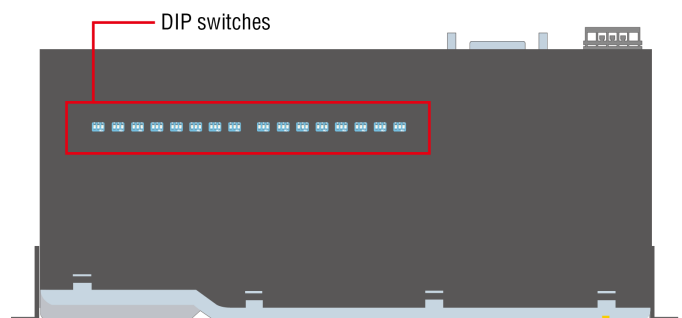
Note: The LCD panel is only available with standard-temperature models.

## Adjustable Resistor Values for RS-485 Communication

The NPort® 6600 provides adjustable termination, pull high, and pull low resistors for RS-485 communication. In some critical environments, termination resistors may be needed to prevent the reflection of serial signals, and the pull high and pull low resistors may need adjusting to maintain the integrity of the electrical signal. Since no set of resistor values works for every environment, the NPort® 6600 allows manual adjustment of the resistor values for each serial port using built-in DIP switches.



Note: The LCD panel is only available with standard temperature models.



## Specifications

### Memory

SD Slot	Up to 32 GB (SD 2.0 compatible)
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### Input/Output Interface

Alarm Contact Channels	Resistive load: 1 A @ 24 VDC
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### Ethernet Interface

10/100BaseT(X) Ports (RJ45 connector)	1 Auto MDI/MDI-X connection
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Magnetic Isolation Protection	1.5 kV (built-in)
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Compatible Modules	NM Series expansion modules for optional extension of RJ45 and fiber Ethernet ports
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Optical Fiber			100BaseFX		
			Multi-Mode		
			Single-Mode		
	Fiber Cable Type		OM1	50/125 μm 800 MHz x km	G.652
	Typical Distance		4 km	5 km	40 km
	Wavelength	Typical (nm)	1300		1310
		TX Range (nm)	1260 to 1360		1280 to 1340
		RX Range (nm)	1100 to 1600		1100 to 1600
	Optical Power	TX Range (dBm)	-10 to -20		0 to -5
		RX Range (dBm)	-3 to -32		-3 to -34
		Link Budget (dB)	12		29
		Dispersion Penalty (dB)	3		1
	<p>Note: When connecting a single-mode fiber transceiver, we recommend using an attenuator to prevent damage caused by excessive optical power.</p> <p>Note: Compute the “typical distance” of a specific fiber transceiver as follows: Link budget (dB) &gt; dispersion penalty (dB) + total link loss (dB).</p>				

### Ethernet Software Features

Configuration Options	Web Console (HTTP/HTTPS), Windows Utility, Device Search Utility (DSU), MCC Tool, Serial Console, Telnet/SSH Console
Management	ARP, BOOTP, DHCP Client, DNS, HTTP, ICMP, IPv4/IPv6, LLDP, PPPOE, SMTP, SNMPv1/v2c/v3, SNTP, TCP/IP, Telnet, UDP
Windows Real COM Drivers	Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10/11 (x86/x64), Windows 2008 R2/2012/2012 R2/2016/2019 (x64), Windows Server 2022, Windows Embedded CE 5.0/6.0, Windows XP Embedded
Linux Real TTY Drivers	Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x, and 5.x
Fixed TTY Drivers	SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6.x, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X, macOS 10.12, macOS 10.13, macOS 10.14, macOS 10.15
Android API	Android 3.1.x and later
MIB	MIB-II
Time Management	SNTP Client
Unicast Routing	RIPV1/V2, Static Route

## Security Functions

Authentication	Local database RADIUS TACACS+
Encryption	HTTPS, AES-128, AES-256, HMAC, RSA-1024, SHA-1, SHA-256, SHA-384
Security Protocols	HTTPS (TLS 1.2) SNMPv3 SSHv2

## Serial Interface

Connector	NPort 6600 Models: 8-pin RJ45 NPort 6450 Models: DB9 male
No. of Ports	NPort 6450 Models: 4 NPort 6600-8 Models: 8 NPort 6600-16 Models: 16 NPort 6600-32 Models: 32
Serial Standards	NPort 6610 Models: RS-232 NPort 6450/6650 Models: RS-232/422/485
Secure Operation Modes	Reverse SSH, Secure Pair Connection, Secure Real COM, Secure TCP Client, Secure TCP Server, SSH
Standard Operation Modes	Disabled, Ethernet Modem, Pair Connection, PPP, Printer, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, Terminal, UDP
Baudrate	50 bps to 921.6 kbps (supports non-standard baudrates)
Console Port	NPort 6600 Models: RS-232 (TxD, RxD, GND), 8-pin RJ45 (19200, n, 8, 1)
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	RTS/CTS, DTR/DSR, XON/XOFF
Pull High/Low Resistor for RS-485	NPort 6450 / 6650 Models: 1 kilo-ohm, 150 kilo-ohms
RS-485 Data Direction Control	NPort 6450/6650 Models: Support ADDC (automatic data direction control)
Terminator for RS-485	NPort 6450 / 6650 Models: 120 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

Input Current	NPort 6450 Models: 730 mA @ 12 VDC  NPort 6600 Models: DC Models: 293 mA @ 48 VDC, 200 mA @ 88 VDC AC Models: 140 mA @ 100 VAC (8 ports), 192 mA @ 100 VAC (16 ports), 285 mA @ 100 VAC (32 ports)
Input Voltage	NPort 6450 Models: 12 to 48 VDC  NPort 6600 Models: AC Models: 100 to 240 VAC DC -48V Models: $\pm 48$ VDC (20 to 72 VDC, -20 to -72 VDC) DC -HV Models: 110 VDC (88 to 300 VDC)

## Reliability

Automatic Reboot Trigger	Built-in WDT
Alert Tools	Built-in buzzer and RTC (real-time clock)

## Physical Characteristics

Housing	Metal
Dimensions (with ears)	NPort 6450 Models: 181 x 103 x 35 mm (7.13 x 4.06 x 1.38 in) NPort 6600 Models: 480 x 195 x 44 mm (18.9 x 7.68 x 1.73 in)
Dimensions (without ears)	NPort 6450 Models: 158 x 103 x 35 mm (6.22 x 4.06 x 1.38 in) NPort 6600 Models: 440 x 195 x 44 mm (17.32 x 7.68 x 1.73 in)
Weight	NPort 6450 Models: 1,020 g (2.25 lb) NPort 6600-8 Models: 3,460 g (7.63 lb) NPort 6600-16 Models: 3,580 g (7.89 lb) NPort 6600-32 Models: 3,600 g (7.94 lb)
Interactive Interface	LCD panel display (non-T models only) Push buttons for configuration (non-T models only)
Installation	NPort 6450 Models: Desktop, DIN-rail mounting, Wall mounting NPort 6600 Models: Rack mounting (with optional kit)

## Environmental Limits

Operating Temperature	Standard Models: 0 to 55°C (32 to 131°F) -HV Models: -40 to 85°C (-40 to 185°F) All other -T Models: -40 to 75°C (-40 to 167°F)
Storage Temperature (package included)	Standard Models: -40 to 75°C (-40 to 167°F) -HV Models: -40 to 85°C (-40 to 185°F) All other -T Models: -40 to 75°C (-40 to 167°F)
Ambient Relative Humidity	5 to 95% (non-condensing)

## Standards and Certifications

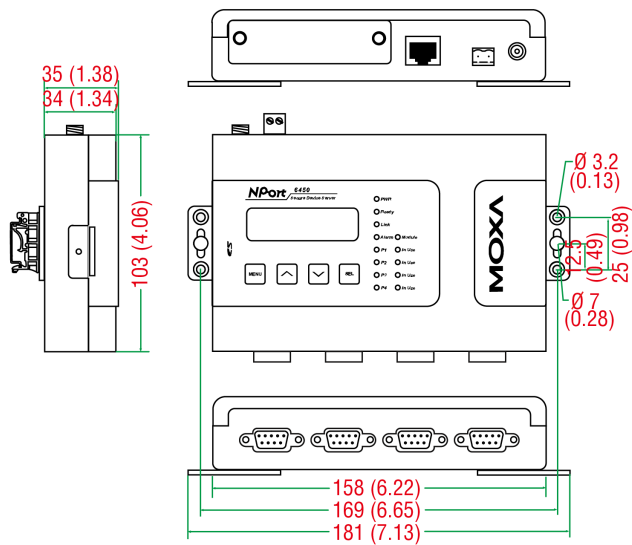
EMC	EN 55032/35
EMI	CISPR 32, FCC Part 15B Class A
EMS	NPort 6450 Models: IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV IEC 61000-4-5 Surge: Power: 1 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF IEC 61000-4-11  NPort 6600 Models (except -48V/-HV models): IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV

	<p>IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m  IEC 61000-4-4 EFT: Power 1 kV; Signal 0.5 kV  IEC 61000-4-5 Surge: Power: 2 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</p> <p>NPort 6600-48V Models:  IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV  IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m  IEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kV  IEC 61000-4-5 Surge: Power: 1 kV  IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m  IEC 61000-4-8 PFMF</p> <p>NPort 6650-HV Models:  IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV  IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m  IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV  IEC 61000-4-5 Surge: Power: 2 kV  IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m  IEC 61000-4-8 PFMF</p>
Safety	UL 60950-1
Traffic Control	NEMA TS2
Vibration	IEC 60068-2-6
Freefall	IEC 60068-2-34
<b>Declaration</b>	
Green Product	RoHS, CRoHS, WEEE
<b>MTBF</b>	
Time	<p>NPort 6450 Models: 850,905 hrs  NPort 6610-8 Models: 135,891 hrs  NPort 6610-16 Models: 102,373 hrs  NPort 6610-32 Models: 68,707 hrs  NPort 6650-8 Models: 636,600 hrs  NPort 6650-16 Models: 439,673 hrs  NPort 6650-32 Models: 310,078 hrs  NPort 6650-8-HV-T: 501,171 hrs  NPort 6650-16-HV-T: 380,006 hrs  NPort 6650-32-HV-T: 290,914 hrs</p>
Standards	<p>NPort 6450 Models: Telcordia (Bellcore) Standard TR/SR  NPort 6600 Models: Telcordia (Bellcore) Standard</p>
<b>Warranty</b>	
Warranty Period	5 years
Details	See <a href="http://www.moxa.com/warranty">www.moxa.com/warranty</a>
<b>Package Contents</b>	
Device	1 x NPort 6400 / 6600 Series terminal server
Installation Kit	2 x rack-mounting ear (NPort 6600 models)
Cable	1 x DB9 male to RJ45 8-pin (NPort 6600 models)
Power Supply	<p>1 x power cable, suitable for your region (AC models except -T models)  1 x power adapter, suitable for your region (NPort 6450)</p>
Documentation	<p>1 x quick installation guide  1 x warranty card</p>

## Dimensions

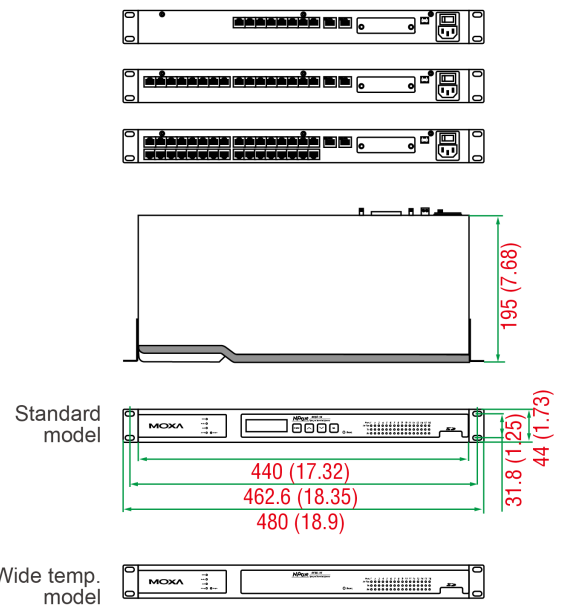
### NPort 6450

Unit: mm (inch)



### NPort 6600

Unit: mm (inch)



## Ordering Information

Model Name	No. of Serial Ports	Serial Standards	Serial Interface	Operating Temp.	Input Voltage
NPort 6450	4	RS-232/422/485	DB9 male	0 to 55°C	12 to 48 VDC
NPort 6450-T	4	RS-232/422/485	DB9 male	-40 to 75°C	12 to 48 VDC
NPort 6610-8	8	RS-232	8-pin RJ45	0 to 55°C	100-240 VAC
NPort 6610-8-48V	8	RS-232	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6610-16	16	RS-232	8-pin RJ45	0 to 55°C	100-240 VAC
NPort 6610-16-48V	16	RS-232	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6610-32	32	RS-232	8-pin RJ45	0 to 55°C	100-240 VAC
NPort 6610-32-48V	32	RS-232	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6650-8	8	RS-232/422/485	8-pin RJ45	0 to 55°C	100-240 VAC
NPort 6650-8-T	8	RS-232/422/485	8-pin RJ45	-40 to 75°C	100-240 VAC
NPort 6650-8-HV-T	8	RS-232/422/485	8-pin RJ45	-40 to 85°C	110 VDC; 88 to 300 VDC
NPort 6650-8-48V	8	RS-232/422/485	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6650-16	16	RS-232/422/485	8-pin RJ45	0 to 55°C	100-240 VAC
NPort 6650-16-48V	16	RS-232/422/485	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6650-16-T	16	RS-232/422/485	8-pin RJ45	-40 to 75°C	100-240 VAC
NPort 6650-16-HV-T	16	RS-232/422/485	8-pin RJ45	-40 to 85°C	110 VDC; 88 to 300 VDC
NPort 6650-32	32	RS-232/422/485	8-pin RJ45	0 to 55°C	100-240 VAC

Model Name	No. of Serial Ports	Serial Standards	Serial Interface	Operating Temp.	Input Voltage
NPort 6650-32-48V	32	RS-232/422/485	8-pin RJ45	0 to 55°C	48 VDC; +20 to +72 VDC, -20 to -72 VDC
NPort 6650-32-HV-T	32	RS-232/422/485	8-pin RJ45	-40 to 85°C	110 VDC; 88 to 300 VDC

## Accessories (sold separately)

### Cables

CBL-RJ45F25-150	8-pin RJ45 to DB25 female serial cable, 1.5 m  Applicable Models: NPort 6650-8-48V NPort 6650-8-HV-T NPort 6650-32-48V NPort 6650-32-HV-T NPort 6650-16-HV-T NPort 6650-16-48V
CBL-RJ45F9-150	8-pin RJ45 to DB9 female serial cable, 1.5m  Applicable Models: NPort 6650-16 NPort 6650-8-48V NPort 6610-32-48V NPort 6650-16-48V NPort 6650-16-T NPort 6650-8 NPort 6650-8-HV-T NPort 6610-16 NPort 6650-32-HV-T NPort 6610-8 NPort 6650-32-48V NPort 6650-16-HV-T NPort 6610-32 NPort 6610-16-48V NPort 6610-8-48V NPort 6650-8-T NPort 6650-32
CBL-RJ45M25-150	8-pin RJ45 to DB25 male serial cable, 1.5m  Applicable Models: NPort 6650-8 NPort 6650-8-HV-T NPort 6610-16 NPort 6650-8-T NPort 6610-32-48V NPort 6650-16-T NPort 6650-8-48V NPort 6650-16-HV-T NPort 6650-16-48V NPort 6650-16 NPort 6650-32-HV-T NPort 6650-32 NPort 6610-8 NPort 6610-8-48V NPort 6650-32-48V NPort 6610-16-48V NPort 6610-32
CBL-RJ45M9-150	8-pin RJ45 to DB9 male serial cable, 1.5m  Applicable Models: NPort 6610-32-48V NPort 6610-8-48V NPort 6650-32 NPort 6650-8 NPort 6650-32-HV-T NPort 6610-16 NPort 6610-8 NPort 6650-8-48V

	<p>NPort 6650-16  NPort 6650-16-HV-T  NPort 6610-16-48V  NPort 6610-32  NPort 6650-32-48V  NPort 6650-8-T  NPort 6650-16-T  NPort 6650-8-HV-T  NPort 6650-16-48V</p>
CBL-RJ45SF25-150	<p>8-pin RJ45 to DB25 female serial cable with shielding, 1.5m</p> <p>Applicable Models:  NPort 6610-16  NPort 6610-32-48V  NPort 6610-32  NPort 6650-32  NPort 6650-32-48V  NPort 6610-8  NPort 6650-16-T  NPort 6610-16-48V  NPort 6650-32-HV-T  NPort 6650-16  NPort 6650-8  NPort 6650-16-48V  NPort 6650-16-HV-T  NPort 6650-8-T  NPort 6610-8-48V  NPort 6650-8-48V  NPort 6650-8-HV-T</p>
CBL-RJ45SF9-150	<p>8-pin RJ45 to DB9 female serial cable with shielding, 1.5m</p> <p>Applicable Models:  NPort 6610-32  NPort 6650-8  NPort 6650-32  NPort 6650-8-HV-T  NPort 6650-16-HV-T  NPort 6610-8  NPort 6650-16  NPort 6610-16  NPort 6650-16-48V  NPort 6650-8-T  NPort 6650-8-48V  NPort 6650-32-48V  NPort 6650-16-T  NPort 6610-32-48V  NPort 6610-8-48V  NPort 6610-16-48V  NPort 6650-32-HV-T</p>
CBL-RJ45SM25-150	<p>8-pin RJ45 to DB25 male serial cable with shielding, 1.5m</p> <p>Applicable Models:  NPort 6650-8  NPort 6650-8-48V  NPort 6610-32-48V  NPort 6650-8-T  NPort 6650-32-HV-T  NPort 6650-32  NPort 6610-16  NPort 6650-16  NPort 6610-8-48V  NPort 6650-16-T  NPort 6610-8  NPort 6610-16-48V  NPort 6650-16-48V  NPort 6610-32  NPort 6650-8-HV-T  NPort 6650-32-48V  NPort 6650-16-HV-T</p>
CBL-RJ45SM9-150	<p>8-pin RJ45 to DB9 male serial cable with shielding, 1.5m</p> <p>Applicable Models:  NPort 6610-16</p>



NPort 6650-32  
 NPort 6650-8-T  
 NPort 6610-32-48V  
 NPort 6610-16-48V  
 NPort 6650-16-48V  
 NPort 6610-8  
 NPort 6650-32-HV-T  
 NPort 6610-8-48V  
 NPort 6650-16-HV-T  
 NPort 6650-32-48V  
 NPort 6650-8-HV-T  
 NPort 6650-16-T  
 NPort 6610-32  
 NPort 6650-8-48V  
 NPort 6650-16  
 NPort 6650-8

## Connectors

Mini DB9F-to-TB	DB9 female to terminal block connector  Applicable Models: NPort 6450 NPort 6450-T
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## DIN-Rail Mounting Kits

DK35A	DIN-rail mounting kit, 35 mm  Applicable Models: NPort 6450 NPort 6450-T
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## Expansion Modules

NM-TX01	1 10/100BaseT(X) port
NM-TX01-T	1 10/100BaseT(X) port, -40 to 75°C operating temperature
NM-TX02	2 10/100BaseT(X) ports
NM-TX02-T	2 10/100BaseT(X) ports, -40 to 75°C operating temperature
NM-FX01-M-SC	1 100BaseFX port, multi-mode, SC connector
NM-FX01-M-SC-T	1 100BaseFX port, multi-mode, SC connector, -40 to 75°C operating temperature
NM-FX01-S-SC	1 100BaseFX port, single-mode, SC connector
NM-FX01-S-SC-T	1 100BaseFX port, single-mode, SC connector, -40 to 75°C operating temperature
NM-FX02-M-SC	2 100BaseFX ports, multi-mode, SC connector
NM-FX02-M-SC-T	2 100BaseFX ports, multi-mode, SC connector, -40 to 75°C operating temperature
NM-FX02-S-SC	2 100BaseFX ports, single-mode, SC connector
NM-FX02-S-SC-T	2 100BaseFX ports, single-mode, SC connector, -40 to 75°C operating temperature

## Power Adapters

PWR-12150-WPAU-S4	Locking barrel plug with 12 VDC, 1.5 A, 100 to 240 VAC, AU plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450
PWR-12150-WPCN-S4	Locking barrel plug with 12 VDC, 1.5 A, 100 to 240 VAC, CN plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450
PWR-12150-WPKR-S4	Locking barrel plug with 12 VDC, 1.5 A, 100 to 240 VAC, KR plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450
PWR-12150-WPEU-S4	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, EU plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450

PWR-12150-WPUK-S4	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, UK plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450
PWR-12150-WPUSJP-S4	Locking barrel plug with 12 VDC, 1.5 A, 100 to 240 VAC, US/JP plug, 0 to 40°C operating temperature  Applicable Models: NPort 6450
PWR-12150-AU-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, AU plug, -40 to 75°C operating temperature  Applicable Models: NPort 6450-T
PWR-12150-CN-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, CN plug, -40 to 75°C operating temperature  Applicable Models: NPort 6450-T
PWR-12150-EU-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, EU plug, -40 to 75°C operating temperature  Applicable Models: NPort 6450-T
PWR-12150-UK-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, UK plug, -40 to 75°C operating temperature  Applicable Models: NPort 6450-T
PWR-12150-USJP-SA-T	Locking barrel plug, 12 VDC 1.5 A, 100 to 240 VAC, US/JP plug, -40 to 75°C operating temperature  Applicable Models: NPort 6450-T

#### Power Cords

PWC-C13AU-3B-183	Power cord with AU plug, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8 NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
PWC-C13CN-3B-183	Power cord with three-prong CN plug, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8 NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
PWC-C13EU-3B-183	Power cord with EU plug, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8 NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
PWC-C13JP-3B-183	Power cord with JP plug plug, 7A/125V, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8

	NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
PWC-C13UK-3B-183	Power cord with UK plug, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8 NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
PWC-C13US-3B-183	Power cord with US plug, 1.83 m  Applicable Models: NPort 6610-8 NPort 6610-16 NPort 6610-32 NPort 6650-8 NPort 6650-16 NPort 6650-32 NPort 6650-8-T NPort 6650-16-T
CBL-PJ21NOPE-BK-30	Locking barrel plug to bare-wire cable

#### Wall-Mounting Kits

WK-35-01	Wall-mounting kit with 2 plates (35 x 44 x 2.5 mm) and 6 screws  Applicable Models: NPort 6450 NPort 6450-T
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#### Rack-Mounting Kits

WK-44-01	Rack-mounting kit, 2 L-shaped plates, 8 screws, 44 x 57.5 x 1.6 mm  Applicable Models: NPort 6610-8 NPort 6610-32 NPort 6610-32-48V NPort 6610-16-48V NPort 6610-16 NPort 6610-8-48V NPort 6650-16-T NPort 6650-16-48V NPort 6650-16 NPort 6650-32-HV-T NPort 6650-16-HV-T NPort 6650-8-T NPort 6650-32 NPort 6650-32-48V NPort 6650-8-HV-T NPort 6650-8 NPort 6650-8-48V
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