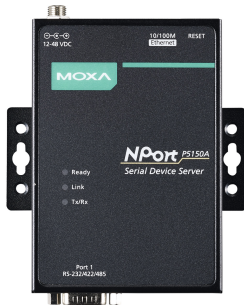


NPort P5150A 系列

1 埠 RS-232/422/485 PoE 串列裝置伺服器



特色與優點

- IEEE 802.3af 相容 PoE PD 設備
- 快速 3 步驟網頁式配置
- 針對串列、乙太網路和電源線提供突波保護
- 支援 COM 埠群組和 UDP multicast 應用
- 用於安裝更安穩的螺絲式電源連接器
- 用於 Windows 和 Linux 的 Real COM/TTY 驅動程式
- 標準 TCP/IP 介面及多樣化 TCP 和 UDP 操作模式

認證



簡介

NPort® P5150A 裝置伺服器能夠使串列裝置立即聯網。同時它也是受電裝置 (PD device)，符合 IEEE 802.3af，所以不需要額外的電源供應也能透過 PoE PSE 裝置啟動。使用 NPort® P5150A，可讓您透過電腦軟體可以從網路上隨處直接存取串列裝置。NPort® P5150A 的設計精簡且堅固，給您穩定可靠串列轉乙太網路解決方案。

串列、乙太網路和電源的突波保護

突波通常是來自雷擊或設備開關間所產生的短暫性高電壓，是所有電氣裝置的常見威脅。Moxa 領先的突波保護技術，為串列、乙太網路和電源線提供完整的保護，並通過 IEC 61000-4-5 認證標準。配備突波保護的串列連網解決方案，可以讓您的電氣設備遠離電壓變化或電氣雜訊等干擾。

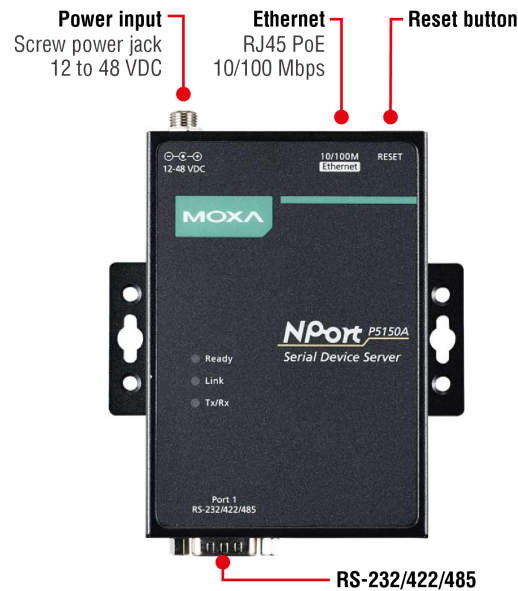
3 步驟網頁式配置

NPort® P5150A 的 3 步驟網頁式配置工具簡單明瞭且方便使用。NPort® 5100A 的網頁式主控台將會帶領使用者透過三個簡單的配置步驟。透過這種快速 3 步驟網頁式配置，使用者平均只需 30 秒即可完成 NPort® 設定並啟用應用程式，大幅節省時間和人力。

輕鬆排除故障

NPort® P5150A 裝置伺服器支援 SNMP，可用於透過乙太網路監控所有設備。一旦使用者定義的問題狀況發生，設備便可自動發送 trap 訊息給 SNMP 管理者。對於不使用 SNMP 管理員的使用者，它也可以通過 email 發送警報資訊。使用者可以使用 Moxa Windows utility 或 Web 主控台定義警示的觸發條件。舉例而言，您可以配置暖開機、冷開機或更改密碼時觸發報警。

外觀



規格

Ethernet Interface

10/100BaseT(X) Ports (RJ45 connector)	1
Magnetic Isolation Protection	1.5 kV (built-in)
Standards	PoE (IEEE 802.3af)

Ethernet Software Features

Configuration Options	Windows Utility, Serial Console, Telnet Console, Web Console (HTTP/HTTPS)
Management	ARP, BOOTP, DHCP Client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, SMTP, SNMPv1/v2c, TCP/IP, Telnet, UDP
Filter	IGMP v1/v2
Windows Real COM Drivers	Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2012 R2 (x64), 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, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X
Android API	Android 3.1.x and later
MIB	RFC1213, RFC1317

Serial Interface

Connector	DB9 male
No. of Ports	1
Serial Standards	RS-232, RS-422, RS-485
Operation Modes	Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDP
Baudrate	Supports standard baudrates (unit=bps): 50, 75, 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230.4k, 460.8k, 921.6k

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	1 kilo-ohm, 150 kilo-ohms
RS-485 Data Direction Control	ADDC® (automatic data direction control)

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	DC Jack I/P: 125 mA @ 12 VDC PoE I/P: 180 mA @ 48 VDC
Input Voltage	12 to 48 VDC (supplied by power adapter), 48 VDC (supplied by PoE)
No. of Power Inputs	1
Source of Input Power	Power input jack PoE

Physical Characteristics

Housing	Metal
Dimensions (with ears)	100 x 111 x 26 mm (3.94 x 4.37 x 1.02 in)
Dimensions (without ears)	77 x 111 x 26 mm (3.03 x 4.37 x 1.02 in)
Weight	300 g (0.66 lb)

Environmental Limits

Operating Temperature	NPort P5150A: 0 to 60°C (32 to 140°F) NPort P5150A-T: -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 55032/24
EMI	CISPR 32, FCC Part 15B Class A
EMS	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: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 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 DIPs
Safety	UL 60950-1

MTBF

Time	2,231,530 hrs
Standards	Telcordia (Bellcore) Standard TR/SR

Warranty

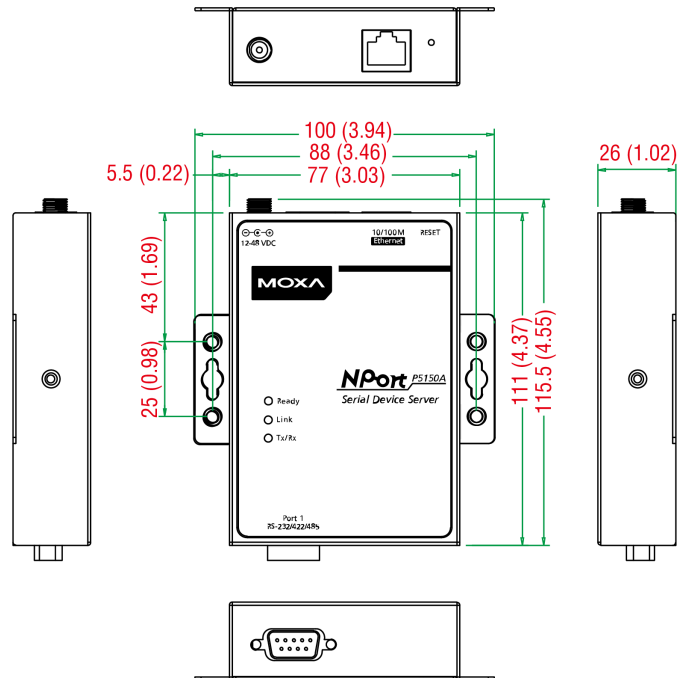
Warranty Period	5 years
Details	See www.moxa.com/tw/warranty

Package Contents

Device	1 x NPort P5150A Series device server
Documentation	1 x quick installation guide 1 x warranty card

尺寸

單位：公釐（英吋）



訂購資訊

Model Name	Operating Temp.	Baudrate	Serial Standards	No. of Serial Ports	Input Voltage
NPort P5150A	0 to 60°C	50 bps to 921.6 kbps	RS-232/422/485	1	12-48 VDC by power adapter or 48 VDC by PoE
NPort P5150A-T	-40 to 75°C	50 bps to 921.6 kbps	RS-232/422/485	1	12-48 VDC by power adapter or 48 VDC by PoE

配件（選購）

Cables

CBL-F9M9-150	DB9 female to DB9 male serial cable, 1.5 m
CBL-F9M9-20	DB9 female to DB9 male serial cable, 20 cm

Connectors

ADP-RJ458P-DB9F	DB9 female to RJ45 connector
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Mini DB9F-to-TB	DB9 female to terminal block connector
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DIN-Rail Mounting Kits

DK35A	DIN-rail mounting kit, 35 mm
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Power Adapters

PWR-12050-WPAU-S1	Locking barrel plug, 12 VDC, 0.5 A, 100-240 VAC, Australia (AU) plug, 0 to 40°C operating temperature
PWR-12050-WPCN-S1	Locking barrel plug, 12 VDC, 0.5 A, 100 to 240 VAC, China (CN) plug, 0 to 40°C operating temperature
PWR-12050-WPEU-S1	Locking barrel plug, 12 VDC, 0.5 A, 100-240 VAC, Continental Europe (EU) plug, 0 to 40°C operating temperature
PWR-12050-WPUK-S1	Locking barrel plug, 12 VDC, 0.5 A, 100-240 VAC, United Kingdom (UK) plug, 0 to 40°C operating temperature
PWR-12050-WPUSJP-S1	Locking barrel plug, 12 VDC, 0.5 A, 100-240 VAC, United States/Japan (US/JP) plug, 0 to 40°C operating temperature
PWR-12150-AU-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100-240 VAC, Australia (AU) plug, -40 to 75°C operating temperature
PWR-12150-CN-SA-T	Wide-temperature (-40 to 75°C) locking barrel plug, 12 VDC, 1.5 A, 100 to 240 VAC, China (CN) plug
PWR-12150-EU-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100-240 VAC, Continental Europe (EU) plug, -40 to 75°C operating temperature
PWR-12150-UK-SA-T	Locking barrel plug, 12 VDC, 1.5 A, 100-240 VAC, United Kingdom (UK) plug, -40 to 75°C operating temperature
PWR-12150-USJP-SA-T	Locking barrel plug, 12 VDC 1.5 A, 100-240 VAC, United States/Japan (US/JP) plug, -40 to 75°C operating temperature

Power Cords

CBL-PJ21NOOPEN-BK-30	Locking barrel plug to bare-wire cable
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