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› [Moxa NPort 5110A 1-Port Device Server User Manual](#)

Moxa NPORT 5110A

Moxa NPort 5110A 1-Port Device Server User Manual

Model: NPORT 5110A

1. INTRODUCTION

The Moxa NPort 5110A is a 1-port serial device server designed to make your industrial serial devices network-ready in an instant. It provides a reliable and cost-effective solution for connecting RS-232 serial devices to an Ethernet network, allowing for remote access and management. This manual provides detailed instructions for the installation, configuration, operation, and maintenance of your NPort 5110A device server.

2. PACKAGE CONTENTS

Please verify that your NPort 5110A package contains the following items:

- Moxa NPort 5110A 1-Port Device Server
- Power Adapter (if included with your specific model/region)
- Quick Installation Guide
- Documentation and Software CD/DVD (or download instructions)
- Warranty Card

If any of these items are missing or damaged, please contact your sales representative for assistance.

3. PRODUCT OVERVIEW

The NPort 5110A features a compact design with essential ports and LED indicators for easy monitoring and connectivity. It supports 10/100 Mbps Ethernet and a single RS-232 serial port.

3.1 Device Layout



Figure 1: Front view of the Moxa NPort 5110A device server, showing the Moxa logo, power input (12-48 VDC), RESET button, 10/100M Ethernet port, and LED indicators for Ready, Link, and Tx/Rx. The RS-232 DB9 male serial port is visible at the bottom.



Figure 2: Angled view of the Moxa NPort 5110A, highlighting the side mounting brackets and the various connection points including the power input, Ethernet port, and RS-232 serial port.

3.2 LED Indicators

- **Ready LED:** Indicates the device server's operational status.
- **Link LED:** Indicates an active Ethernet connection.
- **Tx/Rx LED:** Flashes to indicate data transmission or reception over the serial port.

4. SETUP

This section guides you through the physical installation and initial network configuration of your NPort 5110A.

4.1 Physical Installation

1. **Mounting:** The NPort 5110A can be wall-mounted using the integrated mounting brackets. Secure the device in a stable location using appropriate screws.
2. **Power Connection:** Connect a 12-48 VDC power source to the device's power input terminal. Ensure the power supply meets the specified voltage range. The device consumes only 1W of power.
3. **Ethernet Connection:** Connect an Ethernet cable from your network switch or router to the 10/100M Ethernet port on the NPort 5110A. Verify the Link LED illuminates.
4. **Serial Device Connection:** Connect your RS-232 serial device to the DB9 male serial port (Port 1) on the NPort 5110A.

4.2 Initial Network Configuration

The NPort 5110A supports speedy 3-step web-based configuration.

1. **Connect to Network:** Ensure the NPort 5110A is connected to your local area network (LAN) as described in section 4.1.
2. **Discover Device:** Use Moxa's NPort Windows Driver Manager or a similar utility to discover the NPort 5110A on your network and identify its IP address. Alternatively, if your network has a DHCP server, the device may obtain an IP address automatically.
3. **Access Web Console:** Open a web browser and enter the NPort 5110A's IP address in the address bar. Log in using the default username and password (refer to the Quick Installation Guide or Moxa's website for default credentials).
4. **Configure Settings:** Within the web console, configure the serial port settings (baud rate, data bits, parity, stop bits, flow control) to match your connected serial device. Set the desired operating mode (e.g., Real COM, TCP Server, TCP Client, UDP).

For detailed configuration options, refer to the comprehensive user manual available on the Moxa website.

5. OPERATING INSTRUCTIONS

The NPort 5110A offers various operating modes to suit different application requirements.

5.1 Standard TCP/IP Interface and Operation Modes

The device supports standard TCP/IP interfaces and versatile TCP and UDP operation modes, including:

- **Real COM/TTY Mode:** Allows your PC to access the serial device as if it were directly connected to a local COM port. Real COM/TTY drivers are available for Windows and Linux.
- **TCP Server Mode:** The NPort 5110A listens for incoming TCP connections from host applications. Up to 8 TCP hosts can connect simultaneously.
- **TCP Client Mode:** The NPort 5110A actively establishes a TCP connection to a specified host IP address and port.
- **UDP Mode:** Data is transmitted and received using UDP packets, suitable for broadcast or multicast applications.

5.2 COM Port Grouping and UDP Multicast

The NPort 5110A supports COM port grouping and UDP multicast applications, enhancing flexibility for specific industrial communication scenarios. Refer to the advanced configuration guide for details on

setting up these features.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your NPort 5110A.

- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Firmware Updates:** Periodically check the Moxa website for firmware updates. Applying updates can improve performance, add features, or resolve issues. Follow the instructions provided with the firmware update package carefully.
- **Environmental Conditions:** Ensure the device operates within its specified temperature range (0 to 60°C) and humidity levels. Avoid exposing the device to extreme conditions.
- **Cable Integrity:** Regularly inspect all connected cables (power, Ethernet, serial) for any signs of damage or wear. Replace damaged cables immediately.

7. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your NPort 5110A.

7.1 LED Indicator Status

- **Ready LED Off:** Check power connection. Ensure the 12-48 VDC power supply is correctly connected and functional.
- **Link LED Off:** Verify the Ethernet cable is securely connected to both the NPort and the network device. Check the network switch/router status.
- **Tx/Rx LED Not Flashing:** Ensure the serial device is correctly connected and powered on. Verify serial port settings (baud rate, etc.) match the connected device. Check if the host application is attempting to communicate.

7.2 Network Connectivity Issues

- **Cannot Access Web Console:** Double-check the IP address. Ensure your PC is on the same subnet as the NPort. Temporarily disable firewall on your PC for testing.
- **Device Not Discovered:** Ensure the NPort is powered on and connected to the network. Use Moxa's NPort Search Utility to locate the device.

7.3 Serial Communication Problems

- **Data Corruption or No Data:** Verify that the serial port settings (baud rate, data bits, parity, stop bits, flow control) on the NPort match those of the connected serial device and the host application.
- **Incorrect Cable:** Ensure you are using the correct RS-232 cable type (straight-through or null modem) as required by your serial device.

If problems persist, consult the full user manual on the Moxa website or contact Moxa technical support.

8. SPECIFICATIONS

Key technical specifications for the Moxa NPort 5110A:

Feature	Description
---------	-------------

Model	NPORT 5110A
Ethernet Ports	1 x 10/100 Mbps Auto-sensing
Serial Ports	1 x RS-232 (DB9 Male)
Operating Modes	Standard TCP/IP interface, TCP Server, TCP Client, UDP, Real COM/TTY
Power Input	12-48 VDC
Power Consumption	1 W (maximum)
Operating Temperature	0 to 60°C (32 to 140°F)
Dimensions (L x W x H)	3.15 x 2.05 x 0.87 inches (80 x 52 x 22 mm)
Weight	9.6 ounces (272 g)
Surge Protection	Serial, Ethernet, and power lines
Compatible Devices	Computer, Server, RS-232 Device

9. WARRANTY INFORMATION

Moxa products are designed for high reliability and performance. This NPort 5110A device server is covered by Moxa's standard product warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Moxa website. Keep your proof of purchase for warranty claims.

10. SUPPORT

For technical assistance, additional documentation, or software downloads, please visit the official Moxa support website:

www.moxa.com/support

You can also contact Moxa technical support directly through the contact information provided on their website.

Related Documents - NPORT 5110A

<p>NPort 5100A Series Quick Installation Guide</p> <hr/> <p>Version 1.5, January 2021</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2021 Moxa Inc. All rights reserved. P/N: 1802853-06021A</p>	<p>Moxa NPort 5100A Series Quick Installation Guide</p> <p>This guide provides quick installation instructions for the Moxa NPort 5100A series of device servers, including hardware overview, installation steps, and specifications.</p>
<p>NPort IA5000A Series Quick Installation Guide</p> <hr/> <p>Version 5.2, July 2021</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2021 Moxa Inc. All rights reserved. P/N: 1802853-06021A</p>	<p>Moxa NPort IA5000A Series Quick Installation Guide - Industrial Serial-to-Ethernet Device Servers</p> <p>Comprehensive quick installation guide for the Moxa NPort IA5000A Series, covering overview, package contents, hardware introduction, installation procedures, LED indicators, pin assignments, ATEX/IECEx information, and software setup for industrial serial-to-Ethernet connectivity.</p>
<p>NPort 6150/6250 Series Quick Installation Guide</p> <hr/> <p>Version 11.1, January 2021</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2021 Moxa Inc. All rights reserved. P/N: 1802853-06021A</p>	<p>MOXA NPort 6150/6250 Series Quick Installation Guide Setup and Configuration</p> <p>MOXA NPort 6150/6250 Series: A Quick Installation Guide providing essential information on setup, hardware features, LED indicators, DIP switch settings, installation procedures, placement options, software configuration, and serial port pin assignments for these secure serial device servers.</p>

<p>NPort 5400 Series Quick Installation Guide</p> <p>Version 7.3, April 2021</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2021 Moxa Inc. All rights reserved. </p>	<p>Moxa NPort 5400 Series Quick Installation Guide</p> <p>Quick installation guide for Moxa's NPort 5400 Series 4-port serial device servers, covering models like NPort 5410, 5430, 5430I, 5450, 5450I, and their -T variants. Details hardware overview, package contents, installation procedures, pin assignments, and environmental specifications.</p>
<p>NPort 6450 Series Quick Installation Guide</p> <p>Version 11.2, January 2021</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2021 Moxa Inc. All rights reserved. </p>	<p>Moxa NPort 6450 Series Quick Installation Guide</p> <p>This document provides a quick installation guide for the Moxa NPort 6450 series secure serial device servers. It covers product overview, package contents, hardware features, installation procedures, software setup, and pin assignments for serial communication.</p>
<p>NPort 5200 Series Quick Installation Guide</p> <p>Version 8.5, March 2025</p> <p>Technical Support Contact Information www.moxa.com/support</p> <p>MOXA © 2025 Moxa Inc. All rights reserved. </p>	<p>Moxa NPort 5200 Series Quick Installation Guide</p> <p>This guide provides essential information for the quick installation of Moxa's NPort 5200 Series device servers, including hardware introduction, package checklist, and software installation details.</p>

Documents - Moxa – NPORT 5110A

NPort 5100A Series Quick Installation Guide

Edition 3.0, December 2015

Technical Support Contact Information www.moxa.com/support

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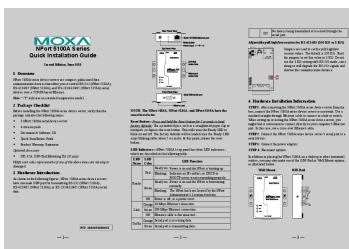
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NPort 5100A Series Quick Installation Guide

Edition 3.2, November 2018

Technical Support Contact Information

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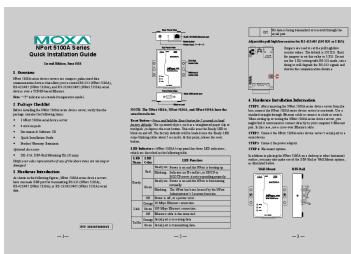
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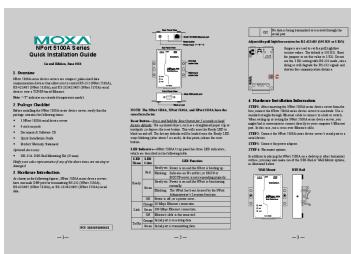


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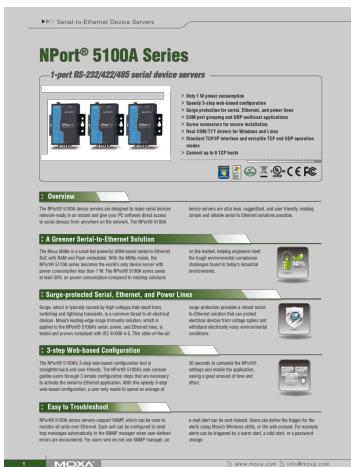


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Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers Only 1 W power consumption Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw connectors for sec...

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lang:en score:4.5 filesize: 300.5 K page_count: 6 document date: 2021-02-22

NPort® 5100A Series

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



- World's lowest power consumption, only 1 W
- Speedy 1-step web-based configuration
- Support for Microsoft® Windows® and Linux
- Full TCP/IP and UDP broadcast applications
- Dual COM/TTY ports for Windows and Linux
- Standard TCP/IP interface and versatile TCP and UDP operation modes

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Overview

The NPort 5100A device servers are designed to make serial device networks easy to install and give you the PC software drivers

device servers are also lean, ruggedized, and user friendly, making setup and installation a breeze for end-user solutions.

A Greater Serial-to-Ethernet Solution

The NPort 5100A provides a great serial-to-IP solution with the best of both WAGO and Liebknecht. With the Liebknecht interface, the NPort 5100A is a ruggedized serial-to-IP solution with power consumption less than 1 W. The NPort 5100A series works as an industrial serial-to-IP solution with the best of both worlds.

In the market, Liebknecht engineers meet with the best environmental compliance engineers to ensure the NPort 5100A is the best solution for today's industrial environments.

Surge-protected Serial, Ethernet, and Power Lines

Surge protection is a priority for many serial-to-IP solutions. The NPort 5100A offers a unique combination of surge protection and lightning bypass. It is common to have an industrial serial-to-IP solution with a lightning bypass, but the NPort 5100A is the first to offer a lightning bypass and surge protection. The NPort 5100A serial, power, and Ethernet, is therefore, the most robust serial-to-IP solution on the market.

Surge protection provides a stable serial connection. Surge protectors can protect against lightning strikes and other transient and reflected electricity from environmental sources.

3-step Web-based Configuration

Configuring the NPort 5100A is as easy as 1-2-3. The NPort 5100A has a built-in web server that is straightforward and easy to use. First, you can log into the serial device server via a web browser. Second, you can log into the serial-to-IP solution via a web browser. Finally, this is a 3-step web-based configuration that will allow you to set up and have configurations ready to go in a matter of seconds.

3 steps to configure the NPort 5100A. Set up the serial port settings and enable the application. Set up the IP address for the serial and after.

Easy to Troubleshoot

The NPort 5100A has a built-in web server, which can be used to monitor all of your serial device. Each port can be configured to send serial data to a PC or a laptop. If there is a problem with serial data, errors are recognized. You can use the serial-to-IP solution's serial manager.

A serial port can be easily tested. Users can define the trigger for the serial port's WebServer utility, or the web console. For example, a serial port can be triggered by a serial, or a web console, a serial port, or a serial port's change.

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► Serial-to-Ethernet Device Servers

NPort® 5100A Series

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



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• Overview
The NPort 5100A device servers are designed to make serial devices network ready in an instant and give you PC software direct access to serial ports. The NPort 5100A series is the world's lowest power consumption serial-to-Ethernet device server. The NPort 5100A series is an ultra-low, ruggedized, and user friendly serial-to-Ethernet solution possible.

• A Greener Serial-to-Ethernet Solution
The NPort 5100A is a cost effective serial-to-Ethernet solution that offers the best power consumption in the industry. The NPort 5100A series has a power consumption less than 1 W. The NPort 5100A series saves up to 90% power consumption compared to other serial-to-Ethernet solutions.

• Surge-protected Serial, Ethernet, and Power Lines
Surge, which is typically caused by high voltage that result from switching and lightning transients, is a common threat to all electrical devices. The NPort 5100A web configuration interface allows users to activate the serial-to-Ethernet application. With this simple 3-step configuration, users can quickly and easily protect their serial ports from surge damage.

• 3-step Web-based Configuration
The NPort 5100A 3-step web-based configuration tool is straightforward and user friendly. The NPort 5100A web configuration interface allows users to quickly and easily protect their serial ports from surge damage. With this simple 3-step configuration, users can quickly and easily protect their serial ports from surge damage.

• Easy to Troubleshoot
NPort 5100A device servers support SNMP v2, which can be used to monitor all units over Ethernet. Each unit can be configured to send an email alert when an alarm occurs. For example, if a serial port is disconnected, an email alert can be sent to a user or a system administrator. Port and serial line can not use SNMP manager, as serial port can be used instead. Users can define the trigger for the alert using Moxa Web utility, or the web browser. For example, an alarm can be triggered by a serial port, a contact line, or a password change.

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Moxa NPort 5100A Series Quick Installation Guide

This guide provides quick installation instructions for the Moxa NPort 5100A series of device servers, including hardware overview, installation steps, and specifications.

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NPort 5100A Series

1-port RS-232/422/485 serial device servers with serial surge protection



Certifications:

Introduction

The MOXA 5100A device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial ports. The MOXA 5100A device servers are user-friendly, rugged, and user-friendly, making serial and relative serial to Ethernet directly possible.

A Greener Serial-to-Ethernet Solution

The MOXA 5100A device servers are a greener serial-to-Ethernet solution with RAM and RAM watermark. With the RAM watermark, the MOXA 5100A device servers have a power consumption of less than 1 W. The MOXA 5100A device servers use at least 60% power consumption compared to the standard serial-to-Ethernet solution.

Surge Protection for Serial, Ethernet, and Power

The MOXA 5100A device servers have a built-in surge protection for serial, Ethernet, and power. Surge protection for serial, Ethernet, and power are designed to protect the MOXA 5100A device servers from lightning strikes and other electrical surges. Surge protection for serial, Ethernet, and power are designed to protect the MOXA 5100A device servers from lightning strikes and other electrical surges.

3-Step Web-Based Configuration

The MOXA 5100A's 3-step web-based configuration tool is straightforward and user-friendly. The MOXA 5100A's web console guides users through three simple configuration steps that are necessary to activate the serial-to-Ethernet application. With the fast 3-step web-based configuration tool, users can define the trigger for the alarm using Moxa's Windows utility, or the web console. For example, alerts can be triggered by a power start, an event, or a password change.

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NPort 5100A Series 1-port RS-232/422/485 serial device servers with serial surge protection Features and Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure installation Read COM and TTY drivers for Windows, Linux, and macOS Standard TCP/IP interface and versatile TCP and UDP operation modes Connects up to 8 TCP hosts

lang:en score:42 filesize: 4.47 M page_count: 8 document date: 2024-05-08

NPort 5100A Series

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



Certifications:

Introduction

The MOXA 5100A device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial ports. The MOXA 5100A device servers are user-friendly, rugged, and user-friendly, making serial and relative serial to Ethernet directly possible.

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NPort 5100A Series 1-port RS-232/422/485 serial device servers Features and

Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure install...

lang:en score:41 filesize: 339.66 K page_count: 7 document date: 2019-04-24

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4 Moxa darrell wu NPort 5100A Series Users Manual v2 cdn logic control docs moxa User Manuals Serial Device Servers

NPort 5100A Series Users Manual Second Edition, July 2011

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lang:en **score:39** filesize: 2.78 M page_count: 103 document date: 2012-06-29

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15 Moxa darrell wu NPort 5100A Series Users Manual v4 moxa 80 doc man

NPort 5100A Series Users Manual Fourth Edition, January 2013

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15 Moxa darrell wu moxa serial to ethernet convertor nport 5150a user manual armanica ir 80 image data product

NPort 5100A Series Users Manual Fourth Edition, January 2013

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► Serial-to-Ethernet Device Servers

NPort® 5100A Series

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



Overview

The NPort 5100A series device servers are designed to make serial devices network ready. By an instant and give you PC software direct access to serial ports, the NPort 5100A series device servers are the ideal solution for serial to Ethernet conversion.

A Greener Serial-to-Ethernet Solution

The NPort 5100A is a compact but powerful 10/100M serial-to-Ethernet device server with serial port power consumption less than 1W. The NPort 5100A series device servers are the most energy efficient serial-to-Ethernet solution on the market.

Surge-protected Serial, Ethernet, and Power Lines

Surge, which is typically caused by lightning strikes that result from switching and lightning transients, is a common threat to all electrical devices. The NPort 5100A web-based configuration tool allows users to easily assign surge protection to serial, Ethernet, and power lines.

3-step Web-based Configuration

The NPort 5100A's easy web-based configuration tool is straightforward and user-friendly. The NPort 5100A web console provides a graphical user interface that allows users to easily access the serial-to-Ethernet application. With this simple 3-step configuration, users can quickly and easily get up and running.

Easy to Troubleshoot

NPort 5100A device servers support SNMP v2c, which can be used to monitor all serial over Ethernet. Each unit can be configured to send email alerts to a specific address when an alarm occurs. The NPort 5100A's web console also provides a graphical user interface for easy fault diagnosis and troubleshooting.

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NPort 5100A Series MOXA 5150A T 1 port device server 10 100M Ethernet RS 232 422 485 DB9 male 0 5KV serial surge 12~48VDC Wall mount Device Servers iComTech icomtechinc images product manual

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Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers World's lowest power consumption, only 1 W Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw co...

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► Intelligent Connectivity to Bring Sensor Data to the Cloud

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Serial Device Servers **Media Converters** **Physical Gateways** **Remote I/Os** **Industrial Computers**

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Your Trusted Partner in Automation moxa P N 1900002001300 Industrial Computers Serial Device Servers Media Converters Protocol Gateways Remote I/Os Moxa Intelligent Connectivity Brochure 2020 Solution Guide cdn madison tech 2021 02 02 02122250 |||

Serial Device Servers Media Converters Protocol Gateways Remote I/Os Industrial Computers www.moxa.com Things You Need to Know to Effectively Transfer Field Data to IT/OT Systems The ultimate goal of most industrial automation applications is to obtain actionable insights from data sources ...

lang:en **score:36** filesize: 7.46 M page_count: 13 document date: 2021-02-02

► Accessories

Power Accessories

Power Cords

Model	Length	Input	Output	Max. Current	Max. Power
PWC-C13US-3B-183	1.83 m	100-240V	100-240V	10A	2000W
PWC-C13EU-3B-183	1.83 m	100-240V	100-240V	10A	2000W
PWC-C13UK-3B-183	1.83 m	100-240V	100-240V	10A	2000W
PWC-C13JP-3B-183	1.83 m	100-240V	100-240V	10A	2000W
PWC-C13AU-3B-183	1.83 m	100-240V	100-240V	10A	2000W

Power Adapters

Model	Input	Output	Max. Current	Max. Power
Power Adapter	100-240V	5V	1A	5W
Power Adapter	100-240V	5V	2A	10W
Power Adapter	100-240V	12V	1A	12W
Power Adapter	100-240V	12V	2A	24W
Power Adapter	100-240V	12V	3A	36W
Power Adapter	100-240V	12V	5A	60W
Power Adapter	100-240V	12V	10A	120W
Power Adapter	100-240V	12V	15A	180W
Power Adapter	100-240V	12V	20A	240W
Power Adapter	100-240V	12V	30A	360W
Power Adapter	100-240V	12V	40A	480W
Power Adapter	100-240V	12V	50A	600W
Power Adapter	100-240V	12V	60A	720W
Power Adapter	100-240V	12V	70A	840W
Power Adapter	100-240V	12V	80A	960W
Power Adapter	100-240V	12V	90A	1080W
Power Adapter	100-240V	12V	100A	1200W
Power Adapter	100-240V	12V	110A	1320W
Power Adapter	100-240V	12V	120A	1440W
Power Adapter	100-240V	12V	130A	1560W
Power Adapter	100-240V	12V	140A	1680W
Power Adapter	100-240V	12V	150A	1800W
Power Adapter	100-240V	12V	160A	1920W
Power Adapter	100-240V	12V	170A	2040W
Power Adapter	100-240V	12V	180A	2160W
Power Adapter	100-240V	12V	190A	2280W
Power Adapter	100-240V	12V	200A	2400W
Power Adapter	100-240V	12V	210A	2520W
Power Adapter	100-240V	12V	220A	2640W
Power Adapter	100-240V	12V	230A	2760W
Power Adapter	100-240V	12V	240A	2880W
Power Adapter	100-240V	12V	250A	3000W
Power Adapter	100-240V	12V	260A	3120W
Power Adapter	100-240V	12V	270A	3240W
Power Adapter	100-240V	12V	280A	3360W
Power Adapter	100-240V	12V	290A	3480W
Power Adapter	100-240V	12V	300A	3600W
Power Adapter	100-240V	12V	310A	3720W
Power Adapter	100-240V	12V	320A	3840W
Power Adapter	100-240V	12V	330A	3960W
Power Adapter	100-240V	12V	340A	4080W
Power Adapter	100-240V	12V	350A	4200W
Power Adapter	100-240V	12V	360A	4320W
Power Adapter	100-240V	12V	370A	4440W
Power Adapter	100-240V	12V	380A	4560W
Power Adapter	100-240V	12V	390A	4680W
Power Adapter	100-240V	12V	400A	4800W
Power Adapter	100-240V	12V	410A	4920W
Power Adapter	100-240V	12V	420A	5040W
Power Adapter	100-240V	12V	430A	5160W
Power Adapter	100-240V	12V	440A	5280W
Power Adapter	100-240V	12V	450A	5400W
Power Adapter	100-240V	12V	460A	5520W
Power Adapter	100-240V	12V	470A	5640W
Power Adapter	100-240V	12V	480A	5760W
Power Adapter	100-240V	12V	490A	5880W
Power Adapter	100-240V	12V	500A	6000W
Power Adapter	100-240V	12V	510A	6120W
Power Adapter	100-240V	12V	520A	6240W
Power Adapter	100-240V	12V	530A	6360W
Power Adapter	100-240V	12V	540A	6480W
Power Adapter	100-240V	12V	550A	6600W
Power Adapter	100-240V	12V	560A	6720W
Power Adapter	100-240V	12V	570A	6840W
Power Adapter	100-240V	12V	580A	6960W
Power Adapter	100-240V	12V	590A	7080W
Power Adapter	100-240V	12V	600A	7200W
Power Adapter	100-240V	12V	610A	7320W
Power Adapter	100-240V	12V	620A	7440W
Power Adapter	100-240V	12V	630A	7560W
Power Adapter	100-240V	12V	640A	7680W
Power Adapter	100-240V	12V	650A	7800W
Power Adapter	100-240V	12V	660A	7920W
Power Adapter	100-240V	12V	670A	8040W
Power Adapter	100-240V	12V	680A	8160W
Power Adapter	100-240V	12V	690A	8280W
Power Adapter	100-240V	12V	700A	8400W
Power Adapter	100-240V	12V	710A	8520W
Power Adapter	100-240V	12V	720A	8640W
Power Adapter	100-240V	12V	730A	8760W
Power Adapter	100-240V	12V	740A	8880W
Power Adapter	100-240V	12V	750A	9000W
Power Adapter	100-240V	12V	760A	9120W
Power Adapter	100-240V	12V	770A	9240W
Power Adapter	100-240V	12V	780A	9360W
Power Adapter	100-240V	12V	790A	9480W
Power Adapter	100-240V	12V	800A	9600W
Power Adapter	100-240V	12V	810A	9720W
Power Adapter	100-240V	12V	820A	9840W
Power Adapter	100-240V	12V	830A	9960W
Power Adapter	100-240V	12V	840A	10080W
Power Adapter	100-240V	12V	850A	10200W
Power Adapter	100-240V	12V	860A	10320W
Power Adapter	100-240V	12V	870A	10440W
Power Adapter	100-240V	12V	880A	10560W
Power Adapter	100-240V	12V	890A	10680W
Power Adapter	100-240V	12V	900A	10800W
Power Adapter	100-240V	12V	910A	10920W
Power Adapter	100-240V	12V	920A	11040W
Power Adapter	100-240V	12V	930A	11160W
Power Adapter	100-240V	12V	940A	11280W
Power Adapter	100-240V	12V	950A	11400W
Power Adapter	100-240V	12V	960A	11520W
Power Adapter	100-240V	12V	970A	11640W
Power Adapter	100-240V	12V	980A	11760W
Power Adapter	100-240V	12V	990A	11880W
Power Adapter	100-240V	12V	1000A	12000W
Power Adapter	100-240V	12V	1010A	12120W
Power Adapter	100-240V	12V	1020A	12240W
Power Adapter	100-240V	12V	1030A	12360W
Power Adapter	100-240V	12V	1040A	12480W
Power Adapter	100-240V	12V	1050A	12600W
Power Adapter	100-240V	12V	1060A	12720W
Power Adapter	100-240V	12V	1070A	12840W
Power Adapter	100-240V	12V	1080A	12960W
Power Adapter	100-240V	12V	1090A	13080W
Power Adapter	100-240V	12V	1100A	13200W
Power Adapter	100-240V	12V	1110A	13320W
Power Adapter	100-240V	12V	1120A	13440W
Power Adapter	100-240V	12V	1130A	13560W
Power Adapter	100-240V	12V	1140A	13680W
Power Adapter	100-240V	12V	1150A	13800W
Power Adapter	100-240V	12V	1160A	13920W
Power Adapter	100-240V	12V	1170A	14040W
Power Adapter	100-240V	12V	1180A	14160W
Power Adapter	100-240V	12V	1190A	14280W
Power Adapter	100-240V	12V	1200A	14400W
Power Adapter	100-240V	12V	1210A	14520W
Power Adapter	100-240V	12V	1220A	14640W
Power Adapter	100-240V	12V	1230A	14760W
Power Adapter	100-240V	12V	1240A	14880W
Power Adapter	100-240V	12V	1250A	15000W
Power Adapter	100-240V	12V	1260A	15120W
Power Adapter	100-240V	12V	1270A	15240W
Power Adapter	100-240V	12V	1280A	15360W
Power Adapter	100-240V	12V	1290A	15480W
Power Adapter	100-240V	12V	1300A	15600W
Power Adapter	100-240V	12V	1310A	15720W
Power Adapter	100-240V	12V	1320A	15840W
Power Adapter	100-240V	12V	1330A	15960W
Power Adapter	100-240V	12V	1340A	16080W
Power Adapter	100-240V	12V	1350A	16200W
Power Adapter	100-240V	12V	1360A	16320W
Power Adapter	100-240V	12V	1370A	16440W
Power Adapter	100-240V	12V	1380A	16560W
Power Adapter	100-240V	12V	1390A	16680W
Power Adapter	100-240V	12V	1400A	16800W
Power Adapter	100-240V	12V	1410A	16920W
Power Adapter	100-240V	12V	1420A	17040W
Power Adapter	100-240V	12V	1430A	17160W
Power Adapter	100-240V	12V	1440A	17280W
Power Adapter	100-240V	12V	1450A	17400W
Power Adapter	100-240V	12V	1460A	17520W
Power Adapter	100-240V	12V	1470A	17640W
Power Adapter	100-240V	12V	1480A	17760W
Power Adapter	100-240V	12V	1490A	17880W
Power Adapter	100-240V	12V	1500A	18000W
Power Adapter	100-240V	12V	1510A	18120W
Power Adapter	100-240V	12V	1520A	18240W
Power Adapter	100-240V	12V	1530A	18360W
Power Adapter	100-240V	12V	1540A	18480W
Power Adapter	100-240V	12V	1550A	18600W
Power Adapter	100-240V	12V	1560A	18720W
Power Adapter	100-240V	12V	1570A	18840W
Power Adapter	100-240V	12V	1580A	18960W
Power Adapter	100-240V	12V	1590A	19080W
Power Adapter	100-240V	12V	1600A	19200W
Power Adapter	100-240V	12V	1610A	19320W
Power Adapter	100-240V	12V	1620A	19440W
Power Adapter	100-240V	12V	1630A	19560W
Power Adapter	100-240V	12V	1640A	19680W
Power Adapter	100-240V	12V	1650A	19800W
Power Adapter	100-240V	12V	1660A	19920W
Power Adapter	100-240V	12V	1670A	20040W
Power Adapter				

NPort 5000 Series User's Manual

NPort 5000/5000A/IA5000/IA5000A Series

Version 5.2, November 2019

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Second Edition, July 2011

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3 Moxa darrell wu support elmark pl moxa manualNPort 5100A Series Users Manual Elmark NPort device servers automatic IP configuration protocols DHCP BOOTP and manual via the handy web browser console Both methods ensure quick effective installation And with a Windows Utility is very straightforward since all system parameters can be Information provided in this intended to accurate reliable However assumes no responsibility for its use or any infringements on rights of third parties that may result from This product might include unintentional technical typographical errors Changes are periodically made v2 products Serwery portow szeregowych P5150A

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Firmware for NPort 5100A Series Release Notes	
Version: 4.2	Build: 20060101
Release Date: Nov 15, 2001	
Applicable Products	
NPort 5110A, NPort 5110AT, NPort 5100A, NPort 5100AT, NPort 5150A, NPort 5150AT, NPort 5100	
Reported Operating Systems	
N/A	
New Features	
N/A	
Known Issues	
<ul style="list-style-type: none"> Adds a configuration setting to reject an unauthenticated header in HTTP. Upgrade limit: 3.0 to v2.8.8 Disable SNMP by default. 	
Bug Fixes	
<ul style="list-style-type: none"> Acuum set via WebAdmin after Configuration may fail. HTTP to event of port 0 by default. HTTP port 80 and 8080 requests when using DHCP-NACK. NPort may present unnecessary options in the DHCP-Request. possible security issue: XSS attack prevention on certain web pages. Security issue: HTML XSS attack prevention on certain web pages. Corrected a bug in the configuration of the port 0 in the port 0. If filtering IP setting not set correctly, the destination IP is not checked. An invalid IP input in FDI 8557 API causing unexpected behavior and DUT crash. 	
Changes	
N/A	
Notes	
N/A	

[\[pdf\]](#) Documentation Release Notes

Release notes NPort 5100A Series Software Documentation MOXA moxa nport 5100a series firmware v1.7 rom History Moxa media PDIM S100000205 |||

Firmware for NPort 5100A Series Release Notes Version: v1.7 Build: 24092017

Release Date: Nov 19, 2024 Applicable Products NPort 5110A, NPort 5110A-T, NPort

5130A, NPort 5130A-T, NPort 5150A, NPort 5150A-T, NPort P5150A Supported

Operating Systems N/A New Features N/A Enhancements Adds a config...

lang:en score:31 filesize: 54.08 K page_count: 6 document_date: 2024-11-24

[pdf] Datasheet

Jul 11 2019 moxa nport 5100a series datasheet v1.2 Moxa media PDIM S100000205

NPort 5100A Series 1-port RS-232/422/485 serial device servers Features and Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure install

lang:en score:31 filesize: 4 47 M page_count: 7 document_date: 2019-07-11

NPort 5000 Series User's Manual

NPort 5400 / 5800 / 1AS5400 / 1AS5800 Series

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NPort 5000 Series User's Manual 2 888TIGER Moxa nport series um e4 0 moxa ru files manuals |||

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NPort 5100A Series
1-port RS-232/422/485 serial device servers



Features and Benefits

- Power consumption of only 1 W
- Fast 3-step web-based configuration
- Surge protection for serial, Ethernet, and power
- COM port grouping and UDP multicast applications
- Screw-type power connectors for secure installation
- Real COM/TTY drivers for Windows and Linux
- Real TCP/UDP port and versatile TCP and UDP operation modes
- Connexion up to 16 TCP hosts

Certifications



Introduction
The NPort 5100A device servers are designed to make serial devices network ready in an instant and give your PC software direct access to serial ports. The NPort 5100A device servers are off-the-shelf, ruggedized, and user friendly, making serial and reliable serial-to-Ethernet solutions possible.

A Greener Serial-to-Ethernet Solution
The NPort 5100A device servers are designed to be a greener serial-to-Ethernet with PoE and Flash embedded. With the M100 mode, the NPort 5100A device servers consume less than 1 W. The NPort 5100A Series servers use at least 50% less power consumption compared to existing solutions.

Surge Protection for Serial, Ethernet, and Power
The NPort 5100A device servers feature surge protection for serial and lightning protection. It is a common threat to all electrical devices. Moxa's leading edge surge immunity solution, which is applied to the NPort 5100A's serial, power, and Ethernet lines, is rated and proven to withstand up to 1000V of surge voltage. The NPort 5100A's surge protection is more effective than other serial-to-Ethernet devices that can protect electrical devices from voltage spikes and withstand electrically noisy environmental conditions.

3-step Web Configuration
The NPort 5100A device was based on configuration, which can be used to monitor or edit over Ethernet. Each unit can be configured to send configuration, a user only needs to spend an average of 30 seconds to complete the NPort's configuration and enable the application, using a graphical user interface.

Easy to Troubleshoot
NPort 5100A device servers support SNMP, which can be used to monitor or edit over Ethernet. Each unit can be configured to send configuration, a user only needs to spend an average of 30 seconds to complete the NPort's configuration and enable the application, using a graphical user interface.

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Nov 08 2019 NPort 5100A Series moxa nport 5100a series datasheet v1 3 Moxa media PDIM S100000205

NPort 5100A Series 1-port RS-232/422/485 serial device servers Features and Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure install...

lang:en score:31 filesize: 4.47 M page_count: 7 document date: 2019-11-08

NPort 5100A 系列
1 路 RS-232/422/485 串口设备联网服务器



特点和优势

- 仅 1 W 电源
- 仅三步：通过 Web 浏览器即可完成配置
- 强大的串行端口保护功能
- COM 端口分组和 UDP 多播应用
- 坚固的塑料外壳和端头，适合恶劣环境
- Real COM/TTY 驱动程序，可运行 Windows 和 Linux
- Real TCP/UDP 协议，支持 TCP 和 UDP 模式
- 最多 16 个 TCP 连接

认证



介绍
NPort 5100A 系列串行设备联网服务器是 Moxa 公司设计的串行设备联网解决方案，让您 PC 通过串行总线轻松地访问远端的串行设备。NPort 5100A 系列串行设备联网服务器支持 RS-232、RS-422 和 RS-485 串行端口，通过 M100 端口连接到以太网，从而实现串行端口的远程访问。NPort 5100A 系列串行设备联网服务器支持 Moxa 独有的串行端口保护功能，从而确保串行端口在恶劣的工业环境中也能正常工作。

结合 Moxa 的串行端口保护功能
Moxa 的 M100 端口为每条端口线提供浪涌保护，对所有 DTE 和 DCE 端口，总输入保护电压为 1000V。NPort 5100A 系列串行设备联网服务器支持 Moxa 独有的串行端口保护功能，从而确保串行端口在恶劣的工业环境中也能正常工作。

主要特点
NPort 5100A 系列串行设备联网服务器支持 RS-232、RS-422 和 RS-485 串行端口，通过 M100 端口连接到以太网，从而实现串行端口的远程访问。NPort 5100A 系列串行设备联网服务器支持 Moxa 独有的串行端口保护功能，从而确保串行端口在恶劣的工业环境中也能正常工作。

仅三步，轻松通过 Web 配置管理
NPort 5100A 通过 Web 浏览器即可完成配置，轻松实现串行端口的远程访问。通过 NPort 5100A 的 web-console，只需三个步骤的配置，即可轻松完成串行端口的远程访问。

轻松操作
NPort 5100A 通过 Web 浏览器即可完成配置，轻松实现串行端口的远程访问。通过 NPort 5100A 的 web-console，只需三个步骤的配置，即可轻松完成串行端口的远程访问。

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Modem PCI E moxa nport 5100a series datasheet v1 2 chs cn

getmedia 620e7053 1b30 4666 af14 b21b072c3343 |||

NPort 5100A 1 RS-232/422/485 1 W Web COM UDP Real COM/TTY Windows Linux TCP/IP TCP UDP 8 TCP NPort 5100A PC NPort5100A MiiNe ARM RAM NPort 5110A MiiNe 1 WNPort 5100A 50 NPort 5100A Moxa IEC 61000-4-5 Web NPort 5100A web NPort 5100A web console 30...

lang:nl score:31 filesize: 5.59 M page_count: 7 document date: 2020-01-08

NPort 5000 Series User's Manual

Edition 3.1, March 2017

www.moxa.com/product

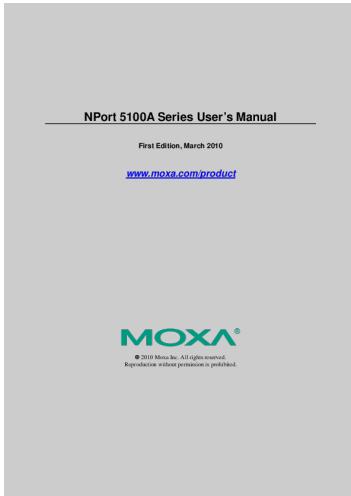
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[\[pdf\] User Manual Warranty Catalog](#)

NPort 5000 Series User's Manual Moxa 888TIGER moxa serial to ethernet converter nport ia5150 user manual armanica ir image catalog product |||

NPort 5000 Series User's Manual NPort 5000/5000A/IA5000/IA5000A Series Edition 3.1, March 2017 www.moxa.com/product 2017 Moxa Inc. All rights reserved. NPort 5000 Series User's Manual The software described in this manual is furnished under a license agreement and may be used only in accordance w...

lang:en score:31 filesize: 6.11 M page_count: 160 document date: 2017-07-23



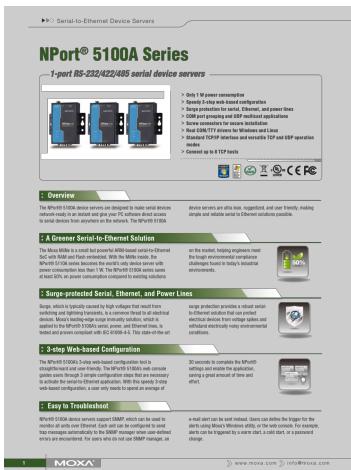
[\[pdf\] User Manual Warranty](#)

NPort 5100 Series User's Manual v4 updated manual files Tim Stemple tim.stemple@moxa.tw Moxa Inc Terence Wu support elmark pl moxa manualNPort 5100A Elmark or to the products and programs described in this at any time Information provided is intended be accurate reliable However assumes no responsibility for its use infringements on rights of third parties that may result from device servers automatic IP configuration protocols DHCP BOOTP via handy web browser console Both methods First Edition March 2010 The software furnished under a license agreement used only accordance Users v1 Serwery portow szeregowych

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NPort 5100A Series User's Manual The software described in this manual is furnished under a license agreement and may be used only in ...

lang:en score:31 filesize: 4.2 M page_count: 105 document date: 2010-04-22

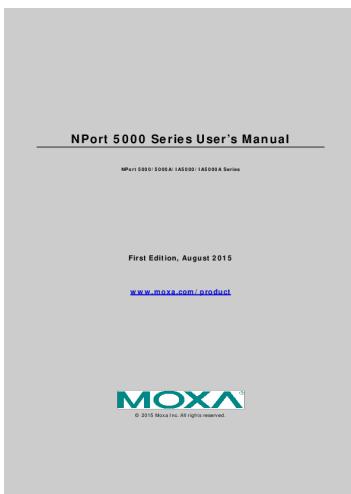


[\[pdf\] Specifications Declaration of Conformity](#)

NPort 5100A Series moxa 80 doc specs

Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers Only 1 W power consumption Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw connectors for sec...

lang:en score:31 filesize: 1.8 M page_count: 3 document date: 2014-05-23



[\[pdf\] User Manual Warranty](#)

NPort 5000 Series User's Manual 11 Moxa 888TIGER MOXA NPORT 01 MANUAL drive google u 0 uc id 1QL565eW9a6p72JUkOpJipKSbS257gWVN export |||

NPort 5000 Series User's Manual NPort 5000/5000A/IA5000/IA5000A Series First Edition, August 2015 www.moxa.com/product 2015 Moxa Inc. All rights reserved.

NPort 5000 Series User's Manual The software described in this manual is furnished under a license agreement and may be used only in accordanc...

lang:en score:31 filesize: 12.42 M page_count: 156 document date: 2015-08-13

Firmware for NPort 5100A Series Release Notes	
Version: V1.0	Date: Date 10/19/2017
Released: Oct 05, 2020	
Applicable Products	
N/A	
Supported Operating Systems	
N/A	
New Features	
Supports mode log function.	
Supports turning off HTTPS with TLS 1.2 by default.	
Supports Microsoft v2.0 and MySQL v2.3.	
A certificate can be longer than the limitation on the length of sensible data.	
Enhancements	
Solved NPort 5100A 0.0 issues, which scores exceed -0.7 and above.	
Supports the configuration of the port number.	
Records user name, source IP, and port number in "Event Log" and "System Log".	
Supports the configuration of the port number.	
Disabled Telnet console by default.	
Supports the configuration of the port number.	
Added an account for the management web, Telnet, and MOXA service.	
Improved SSL 3.0 and lower (https://) to TLS 1.2.	
Improved the security of the certificate import and pre-shared key.	
Extended the valid period of the certificate.	
Days from last update	
TCPIP of no duplicate ACK while hanlding.	
The connection status of the serial port after the serial data has been transmitted.	
The configuration of the DHCP server would be flushed frequently.	
The connection status could not be displayed correctly while the S/NMP service was disabled.	
The system reboots when the configuration of the port number is changed.	
The connection status could not be displayed correctly in NPort Administration—Port Monitor.	
The connection status could not be displayed correctly in NPort Administration—Port Monitor.	
Accounts' password or name would be set via NPort Administration Suite 1.x version.	
The connection status could not be displayed correctly in the ENMAP MIB value of topology browser.	
The NPort would send a duplicate ACK when the TCP server mode was enabled.	
The operation mode RCP2217 was missing.	
Changes	
N/A	
Notes	
N/A	

[\[pdf\]](#) Release Notes

NPort 5100A Series moxa nport 5100a series firmware v1.6 rom Software Release History Moxa media
PDIM S100000205

Firmware for NPort 5100A Series Release Notes Version: v1.6 Build: Build 20101317
Release Date: Oct 15, 2020 Applicable Products N/A Supported Operating Systems
N/A New Features Supports remote log function. Supports turning on HTTPS with
TLS 1.2 by default. Supports MXconfig v2.6 and MXview ...

lang:en score:31 filesize: 52.25 K page count: 5 document date: 2020-10-15

[pdf] Datasheet

nport 5100a series moxa ru 80 files datasheets

Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers World's lowest power consumption, only 1 W Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw co...

lang:en score:31 filesize: 1.73 M page_count: 3 document date: 2012-12-06

Firmware for NPort P5100A Series Release Notes	
Version: v1.5	Date: Build 1902122
Release Date: Mar 25, 2019	
Applicable Products	
NPort P5100A Series	
Supported Operating Systems	
NA	
New Features	
<ul style="list-style-type: none"> Supports HTTPS Supports Moxview auto-topolog function Supports Accounting Supports SMDR 	
Enhancements	
<ul style="list-style-type: none"> Added a configuration menu for the user to restrict all device services. Complies with Moxy Security Guidelines on the following 4: Account Authentication Management, Network Service Management, and Audit and Log Management. • Overhaul of the TFTP server to reduce memory usage by temporarily reserving resources by sending a large amount of TFTP 516 packets. • Overhaul of the TFTP server so it may be able to exploit a flaw in the handling of Ethernet frame padding that may allow for information exposure. • Overhaul of the TFTP server so it may be able to inject packets that could potentially disrupt the availability of the device. • Removed unnecessary information displayed on the Web, Telnet and Serial consoles during the login process. • Increased the TTL timeout to 10 minutes per packets. 	
Bugs Fixed	
<ul style="list-style-type: none"> Per connection mode cannot specify the domain name. Crash NA Notes NA 	

[\[pdf\]](#) Release Notes

NPort P5150A Series moxa nport p5150a series firmware v1.5 rom Software Release History Moxa media
PDIM S100000208

Firmware for NPort P5150A Series Release Notes Version: v1.5 Build: Build 19032122 Release Date: Mar 29, 2019 Applicable Products NPort P5150A Series Supported Operating Systems N/A New Features Supports HTTPS. Supports MXview auto-topology function. Supports MXconfig. Supports SNMPv2c. Enha...

lang:en score:31 filesize: 49.72 K page_count: 4 document date: 2019-05-23

NPort 5100A Series
1-port RS-232/422/485 serial device servers with serial surge protection



Features and Benefits

- Power consumption of only 1 W
- Fast 3-step web-based configuration
- Surge protection for serial, Ethernet, and power
- COM port grouping and UDP multicast applications
- Screw-type power connectors for secure installation
- Read COM/TTY drivers for Windows, Linux, and macOS
- Standard TCP/IP interface and versatile TCP and UDP operation modes
- Connexions up to 16 TCP hosts

Certifications



Introduction
The NPort 5100A device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial devices from anywhere on the network. The NPort 5100A series serial-to-Ethernet solutions are ultra-low, ruggedized, and user-friendly, making simple serial-to-Ethernet solution possible.

A Greener Serial-to-Ethernet Solution
The NPort 5100A series serial-to-Ethernet solution is the most energy efficient serial-to-Ethernet solution with RAM and Flash embedded. With the NPort 5100A series serial-to-Ethernet solution, power consumption is less than 1 W. The NPort 5100A series save at least 60% in power consumption compared to existing solutions.

Surge Protection for Serial, Ethernet, and Power
Surge protection is a typical caused by high voltage that result from switching and lightning strikes. It is a common threat to all electrical devices. Most's leading edge surge immunity solution, which is applied to the NPort 5100A serial, power, and Ethernet lines, is rated to protect electrical devices from voltage spikes and transient voltage surges. The NPort 5100A series serial-to-Ethernet solution that can protect electrical devices from voltage spikes and transient voltage surges.

3-Step Web-based Configuration
The NPort 5100A's 3-step web-based configuration tool is straightforward and user-friendly. The NPort 5100A web configuration tool allows users to quickly and easily set up the NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A. This allows the user to quickly and easily set up the NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A.

Easy to Troubleshoot
NPort 5100A device servers support SNMP, which can be used to monitor of units over Ethernet. Each unit can be configured to send configuration to a NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A. This allows the user to quickly and easily set up the NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A.

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[pdf] Datasheet

Aug 03 2022 Datasheet Device Server NPort 5150A Moxa TNS Asia Pacific Pte Ltd moxa nport 5100a series datasheet v1 9 v 1718325923 cdn shopify s files 1 0877 1787 1937 |||

NPort 5100A Series 1-port RS-232/422/485 serial device servers with serial surge protection Features and Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure installation ...

lang:en **score:30** filesize: 225.14 K page_count: 7 document date: 2022-11-17



SiteWatch Safety
...our mission is in our name
SENTRY SKID™

NEEMA 3R EFOY/Battery panel built to CSA 22.2 NO.14 and carries a cETL/us (North American) certification

Remote Site Surveillance
Remote Site Access Control
Remote Site Monitoring
Internet Connectivity
-40c Operating Conditions

4G/LTE Cellular Connects
System Health Monitoring
Live 24/7 Monitoring
Live View and Interception
Hybrid Solar/PoE Cell

- Pipe Lines
- Oil Sands/AGD
- Oil & Gas Sites

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SENTRY SKID storage googleapis STEGO THERMOSTAT N C CONTACT UNIT 120VAC 15A HEAT LINE Heat Trace 9w @ 12VDC 3FT O RIDM FAN 5 39 140CFM Finger Guard Fan for Square Aluminum ADDITIONAL FOR SPECIFICATION 2 SFC EFOY M28 Fuel Cartridge ITEMS HEALTH MONITORING Nport 5110A T MOXA RS 232 SERIAL DB9M TO SWS DATA SHEET wzukusers user 22747074 documents 73bec3662b68490ba9bc43f70960beda

SiteWatch Safetyour mission is in our name SENTRY SKIDTM Assembled in Canada NEMA 3R EFOY/Battery panel built to CSA 22.2 NO.14 and carries a cETL/us North American Certification Remote Site Surveillance Remote Site Access Control Remote Site eMustering Internet Connectivity -40c Operating ...

lang:en **score:30** filesize: 652.1 K page_count: 2 document date: 2020-02-03

NPort® 5100A Series
1-port RS-232/422/485 serial device servers



Overview
The NPort 5100A series serial device servers are designed to make serial devices network-ready in an instant and give your PC software direct access to serial devices from anywhere on the network. The NPort 5100A series serial-to-Ethernet solutions are ultra-low, ruggedized, and user-friendly, making simple serial-to-Ethernet solution possible.

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Surge-protected Serial, Ethernet, and Power Lines
Surge, which is typically caused by high voltage that result from switching and lightning strikes. It is a common threat to all electrical devices. Most's leading edge surge immunity solution, which is applied to the NPort 5100A serial, power, and Ethernet lines, is rated to protect electrical devices from voltage spikes and transient voltage surges.

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Easy to Troubleshoot
NPort 5100A device servers support SNMP, which can be used to monitor of units over Ethernet. Each unit can be configured to send configuration to a NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A. This allows the user to quickly and easily set up the NPort 5100A's serial, power, and Ethernet. It is a fast and easy way to get started with the NPort 5100A.

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NPort 5100A Series cdn logic control docs moxa Serial Device Servers

Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers World's lowest power consumption, only 1 W Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw co...

lang:en **score:30** filesize: 1.73 M page_count: 3 document date: 2012-05-02

NPort 5100A Series
1-port RS-232/422/485 serial device servers



Features and Benefits

- Power consumption of only 1 W
- Fast 3-step web-based configuration
- Surge protection for serial, Ethernet, and power
- COM port grouping and UDP multicast applications
- Screw-type power connectors for secure installation
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moxa nport 5100a series datasheet v1 6 cdn logic control docs Datasheets NPort |||

NPort 5100A Series 1-port RS-232/422/485 serial device servers Features and Benefits Power consumption of only 1 W Fast 3-step web-based configuration Surge protection for serial, Ethernet, and power COM port grouping and UDP multicast applications Screw-type power connectors for secure installation...

lang:en **score:30** filesize: 4.47 M page_count: 7 document date: 2021-02-15

► Serial-to-Ethernet Device Servers

NPort® 5100A Series

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

► Overview
The NPort 5100A serial device servers are designed to make serial devices network-ready. As an instant and give you PC software direct access to serial devices, the NPort 5100A series is the ideal solution for serial-to-Ethernet conversion. The NPort 5100A series is a compact but powerful 100% metal serial-to-Ethernet solution. It is designed to be the most reliable serial-to-Ethernet solution on the market. The NPort 5100A series is a compact but powerful 100% metal serial-to-Ethernet solution. It is designed to be the most reliable serial-to-Ethernet solution on the market.

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► Surge-protected Serial, Ethernet, and Power Lines
Surge, which is typically caused by high voltages that result from lightning strikes or power surges, is a common threat to all electronic devices. The NPort 5100A web-based configuration tool is designed to protect the serial-to-Ethernet connection from lightning strikes and power surges. The NPort 5100A series is a compact but powerful 100% metal serial-to-Ethernet solution. It is designed to be the most reliable serial-to-Ethernet solution on the market.

► 3-step Web-based Configuration
The NPort 5100A's 3-step web-based configuration tool is designed to make serial-to-Ethernet conversion easy and friendly. The NPort 5100A web-based configuration tool is designed to make serial-to-Ethernet conversion easy and friendly. The NPort 5100A web-based configuration tool is designed to make serial-to-Ethernet conversion easy and friendly.

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Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers Only 1 W power consumption Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw connectors for sec...

lang:en score:30 filesize: 2.89 M page_count: 5 document date: 2016-06-15

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NPort® 5100A Series

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

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Serial-to-Ethernet Device Servers NPort 5100A Series 1-port RS-232/422/485 serial device servers Only 1 W power consumption Speedy 3-step web-based configuration Surge protection for serial, Ethernet, and power lines COM port grouping and UDP multicast applications Screw connectors for sec...

lang:en score:30 filesize: 374.59 K page_count: 3 document date: 2015-05-20

MOXA

Manufacturer: MOXA Inc.
Address: 1F, No. 11, Heping Rd., Bade Dist., Taoyuan City, Taiwan 334
Authorized Representative in Europe: Moxa Europe GmbH
Address: New Eastside Streitfeldstrasse 25, Haus B 81673 Munich, Germany

Manufacturer's declaration: Under our sole responsibility that the following products conform with the EU directives and standards listed in the document.

Product Type: 1-port RS-232/422/485 Serial Device Servers
Model: NPort 5100A, NPort 5100A-T, NPort 5100A-H, NPort 5100A-T, NPort 5100A-H

The product models listed above comply with the following EU directives and their relevant standards.

Electromagnetic Compatibility: EN 55022: 2013/A11: 2016, EN 55024: 2017/A12: 2020
Directive (2014/30/EU)
Low Voltage Directive: EN 62368-1: 2020+A11: 2020
RoHS Directive: EN IEC 63000: 2018
2011/65/EU and (EU) 2015/802

Signature:
Steve Wang
Vice President, Quality Management Division
31 October 2024

[pdf] Declaration of Conformity

v1 3 Wade PT Wang NPort 5100A Series General Device Servers MOXA moxa declaration of conformity for nport 5100a series 0cdn cms frontdoor dfc8ebanh6bkb3hs a02 azurefd net getmedia 47db5b9a 91f1 4f26 812f 95b54c082bf5 |||

EU Declaration of Conformity We, the manufacturer, Manufacturer Authorized Representative in Europe Moxa Inc. No. 1111, Heping Rd., Bade Dist., Taoyuan City, Taiwan 334 Moxa Europe GmbH New Eastside Streitfeldstrasse 25, Haus B 81673 Munich, Germany herewith declare, under our sole responsibility...

lang:en score:30 filesize: 308.61 K page_count: 2 document date: 2024-11-11

[pdf] Release Notes

MB3270 Series moxa cli configuration tool for linux utility v1.1 zip Software Release History Moxa media
PDIM S100000190

Moxa CLI Configuration Tool for Linux Release Notes Version: v1.1 Build: 18111613
Release Date: Nov 16, 2018 Applicable Products MGate MB3180, MGate MB3280,
MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I
MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, M...

lang:da score:30 filesize: 44.97 K page_count: 2 document date: 2021-04-21

[\[pdf\]](#) Release Notes

MB3480 Series moxa cli configuration tool for linux utility v1.1 zip Software Release History Moxa media
PDIM S100000189

Moxa CLI Configuration Tool for Linux Release Notes Version: v1.1 Build: 18111613
Release Date: Nov 16, 2018 Applicable Products MGate MB3180, MGate MB3280,
MGate MB3480, MGate MB3170, MGate MB3170I, MGate MB3270, MGate MB3270I
MGate MB3170-T, MGate MB3170I-T, MGate MB3270-T, MGate MB3270I-T, M

lang:da score:30 filesize: 44.97 K page_count: 2 document date: 2021-04-21

NPort 5000 Series User's Manual

[pdf] User Manual Warranty

NPort 5000 Series User's Manual Moxa 888TIGER moxa serial to ethernet converter nport 5610 8 dt user manual armanica ir 80 image data product

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lang:en score:30 filesize: 6.26 M page_count: 169 document_date: 2018-05-19

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Moxa CLI Configuration Tool for Linux Release Notes

Version: v1.1 Date: 18111613

Release Date: Nov 16, 2018

Applicable Products

MGate MB3180, MGate MB3280, MGate MB3480, MGate MB3170, MGate MB3270, MGate MB3170-T, MGate MB3170-TI, MGate MB3170-M-4S, MGate MB3170-M-4C, MGate MB3170-M-8S, MGate MB3170-M-8C, MGate MB3170-M-16S, MGate MB3170-M-16C, MGate MB3170-M-32S, MGate MB3170-M-32C, MGate MB3170-M-64S, MGate MB3170-M-64C, MGate MB3170-M-128S, MGate MB3170-M-128C, MGate MB3170-M-256S, MGate MB3170-M-256C, MGate MB3170-M-512S, MGate MB3170-M-512C, MGate MB3170-M-1024S, MGate MB3170-M-1024C, MGate MB3170-M-2048S, MGate MB3170-M-2048C, MGate MB3170-M-4096S, MGate MB3170-M-4096C, MGate MB3170-M-8192S, MGate MB3170-M-8192C, MGate MB3170-M-16384S, MGate MB3170-M-16384C, MGate MB3170-M-32768S, MGate MB3170-M-32768C, MGate MB3170-M-65536S, MGate MB3170-M-65536C, MGate MB3170-M-131072S, MGate MB3170-M-131072C, MGate MB3170-M-262144S, MGate MB3170-M-262144C, MGate MB3170-M-524288S, MGate MB3170-M-524288C, MGate MB3170-M-1048576S, MGate MB3170-M-1048576C, MGate MB3170-M-2097152S, MGate MB3170-M-2097152C, MGate 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