

Product Discontinuance Notification—PDN# 0000450765

August 3, 2026

Dear Valued Customer,

The NPort Express Series (DE-211, DE-311) has been a trusted cornerstone of industrial connectivity for over a decade. However, this series will reach its End of Life (EOL) phase. To ensure your operations remain resilient in an era of evolving challenges, Moxa is starting a strategic migration to the NPort 6150-G2, effective July 01, 2026.

This transition is driven by two critical priorities:

1. **Futureproof Cybersecurity Resilience:** As global security standards intensify, legacy hardware faces inherent limitations in addressing modern cyberthreats. The NPort 6000-G2 is IEC 62443-4-2 Security Level 2 certified, providing the robust, hardware-level security required for today's mission-critical networks and performance that's ready for future upgrades. In addition,, an upgrade plan for the NPort 6000-G2 Series is underway for 2027 to comply with the EU Cyber Resilience Act (CRA).
2. **Long-term Supply Sustainability:** To uphold our commitment to long-term availability, we are migrating to new G2 platforms with more sustainable component life cycles. This move mitigates the risks associated with aging key components and ensures a stable supply for your future expansions.

The End of Service (EoS) date will be March 31, 2033. Following this date, all support services—including technical assistance, new software upgrades, and new security fixes—will no longer be available. Hardware warranty, repair, and replacement services remain subject to the standard warranty policy for these products.

What is the product discontinuation timeline?

Refer to the schedule below to plan your transition.

EOL Product	Last-time Buy Period Starts	Last-time Buy Period Ends	Last Shipment Date
DE-211	July 01, 2026	March 31, 2027	September 30, 2027
DE-311	July 01, 2026	March 31, 2027	September 30, 2027

Please review the details below to determine how this discontinuation will affect your products and/or operations.

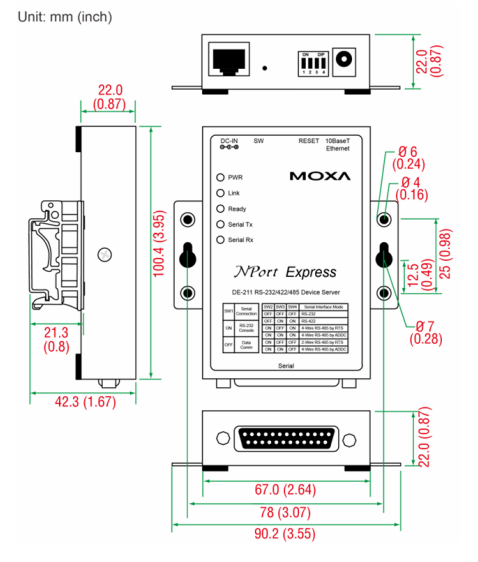
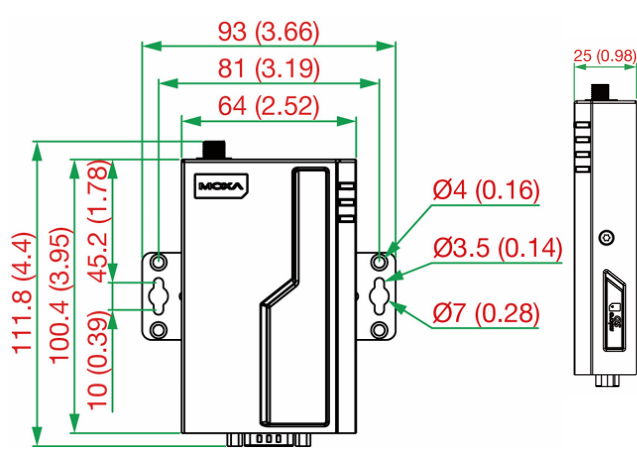
How will the discontinuation affect your operations?

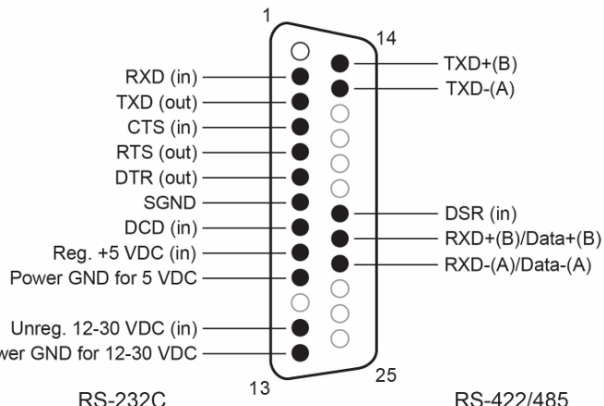
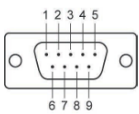
Please refer to the successor model as a replacement.

The key aspects of migration from the NPort Express Series to the NPort 6150-G2 are dimensions, cables, and pin assignments.

- Please spare some extra height, width and depth for the NPort 6150-G2. Also, a new mounting option, side mounting, can be considered when appropriate.
- As the DB9/DB25 connector of the NPort Express Series is female, the cable should be replaced for the NPort 6150-G2's DB9 male connector.
- If the NPort Express Series is installed directly without a cable, update the pin assignments.

The following is the comparison table to support your transition process.

EOL Product	Specification	Successor Product	Specification
DE-211 	● Dimensions (with ears): 90.2 x 100.4 x 22 mm ● DB25 female connector	NPort 6150-G2 	● Dimensions (with ears): 93 x 111.8 x 25 mm ● DB9 male connector
Dimensions of the DE-211 Unit: mm (inch) 		Dimensions of NPort the 6150-G2 	

EOL Product	Specification	Successor Product	Specification																																								
	Pin Assignments for the DE-211  RS-232C RS-422/485	Pin Assignments for the NPort 6150-G2 <table border="1"> <thead> <tr> <th>Pin</th><th>RS-232</th><th>RS-422 4-wire RS-485</th><th>2-wire RS-485</th></tr> </thead> <tbody> <tr><td>1</td><td>DCD</td><td>TxD-(A)</td><td>-</td></tr> <tr><td>2</td><td>RxD</td><td>TxD+(B)</td><td>-</td></tr> <tr><td>3</td><td>TxD</td><td>RxD+(B)</td><td>Data+(B)</td></tr> <tr><td>4</td><td>DTR</td><td>RxD-(A)</td><td>Data-(A)</td></tr> <tr><td>5</td><td>GND</td><td>GND</td><td>GND</td></tr> <tr><td>6</td><td>DSR</td><td>-</td><td>-</td></tr> <tr><td>7</td><td>RTS</td><td>-</td><td>-</td></tr> <tr><td>8</td><td>CTS</td><td>-</td><td>-</td></tr> <tr><td>9</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table> 	Pin	RS-232	RS-422 4-wire RS-485	2-wire RS-485	1	DCD	TxD-(A)	-	2	RxD	TxD+(B)	-	3	TxD	RxD+(B)	Data+(B)	4	DTR	RxD-(A)	Data-(A)	5	GND	GND	GND	6	DSR	-	-	7	RTS	-	-	8	CTS	-	-	9	-	-	-	
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Four field serial device connection scenarios exist for the DE-211. Each scenario has a corresponding successor product combination that fully supports the migration.

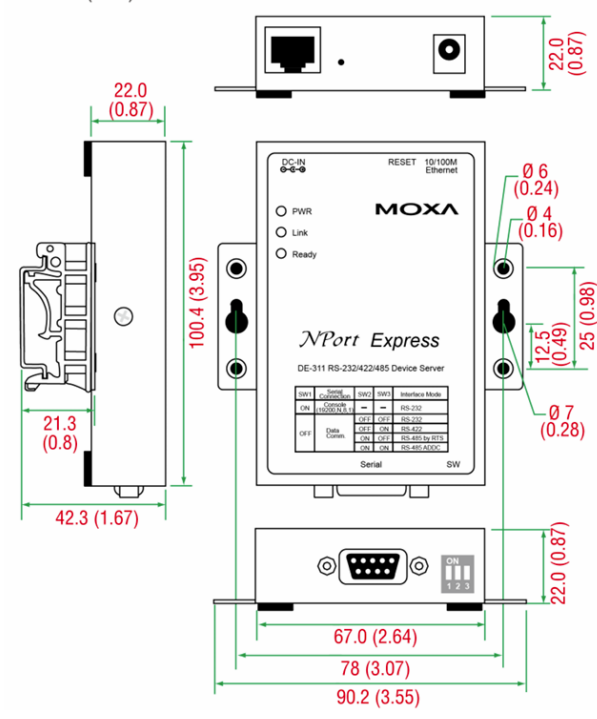
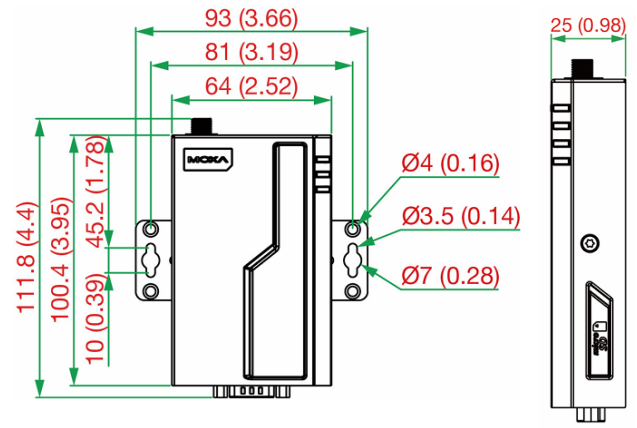
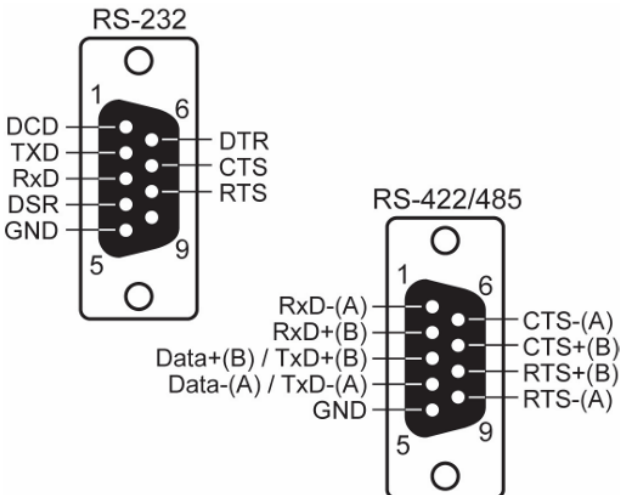
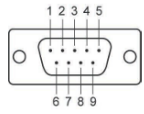
Field Serial Device Connection Scenario	Corresponding New Product Combination
Scenario A: The field serial device transmits data via RS-422/485 and connects to the DE-211 through an NP21103 DB25-male-to-terminal-block adapter.	Successor Product Combination: NPort 6150-G2 and TB-F9 The field serial device continues to transmit data via RS-422/485 and connects to the NPort 6150-G2 through a TB-F9 DB9-female-to-terminal-block adapter.

Field Serial Device Connection Scenario	Corresponding New Product Combination
DE-211  NP21103  RS-422/485  field serial device	NPort 6150-G2  TB-F9  RS-422/485  field serial device

Field Serial Device Connection Scenario	Corresponding New Product Combination
Scenario B: The field serial device transmits data via RS-232 and connects to the DE-211 through an NP21101 DB25-male-to-DB9-female cable.  The diagram shows a white Moxa NP211 Express module at the top. A vertical line connects it to an NP21101 cable, which is shown with a DB25 male connector and a DB9 female connector. Another vertical line connects the DB9 female connector to a field serial device (represented by a DB9 female port) via RS-232.	Successor Product Combination: NPort 6150-G2 and CBL-F9F9-BK-150 The field serial device continues to transmit data via RS-232 and connects to the NPort 6150-G2 through a CBL-F9F9-BK-150 DB9-female-to-DB9-female cable.  The diagram shows a black NPort 6150-G2 module at the top. A vertical line connects it to a CBL-F9F9-BK-150 cable, which is shown as a black cable with two DB9 female connectors. Another vertical line connects the bottom DB9 female connector to a field serial device (represented by a DB9 female port) via RS-232.

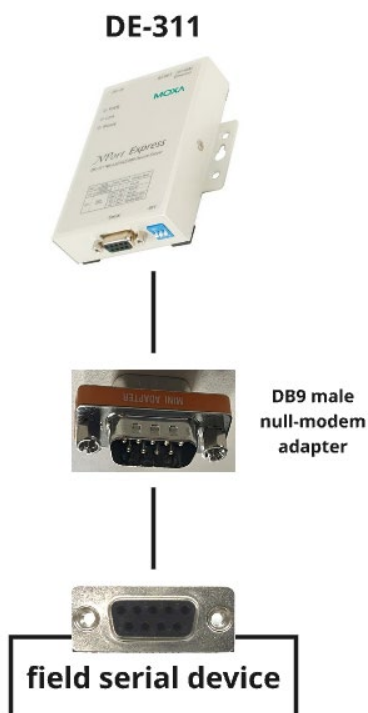
Field Serial Device Connection Scenario	Corresponding New Product Combination
Scenario C: The field serial device transmits data via RS-232 and connects to the DE-211 through an NP21102 DB25-male-to-DB9-male cable. 	Successor Product Combination: NPort 6150-G2, Mini DB9F-to-TB, and TB-M9 The field serial device continues to transmit data via RS-232 and connects to the NPort 6150-G2 through a TB-M9 DB9-male-to-terminal-block adapter and a Mini DB9F-to-TB DB9-female-to-terminal-block connector. 

Field Serial Device Connection Scenario	Corresponding New product combination
Scenario D: The field serial device connects directly to the DE-211 via a DB25 male connector, without using an additional cable or adapter. DE-211   field serial device	Successor Product Combination: NPort 6150-G2, Mini DB9F-to-TB, and TB-F25 The field serial device connects to the NPort 6150-G2 through a TB-F25 DB25-female-to-terminal-block adapter and a Mini DB9F-to-TB DB9-female-to-terminal-block connector. NPort 6150-G2   Mini DB9F-to-TB  TB-F25  field serial device

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Two field serial device connection scenarios exist for the DE-311. Each scenario has a corresponding successor product combination that fully supports the migration.

Field Serial Device Connection Scenario	Corresponding New Product Combination
Scenario A: The field serial device connects to the DE-311 through either the CBL-F9M9-150 or CBL-F9M9-20 DB9-male-to-DB9-female cable.  The diagram illustrates the connection of a field serial device to the DE-311 module. The DE-311 module is shown at the top. Below it, two cables are shown: a white cable labeled CBL-F9M9-150 and a black cable labeled CBL-F9M9-20. The word 'or' is placed between the two cables. Both cables are connected to a field serial device, which is shown at the bottom. The field serial device is a small, rectangular component with a DB9 connector.	Successor Product Combination: NPort 6150-G2, Mini DB9F-to-TB, and TB-F9 The field serial device connects to the NPort 6150-G2 through a TB-F9 DB9-female-to-terminal-block adapter and a Mini DB9F-to-TB DB9-female-to-terminal-block connector.  The diagram illustrates the connection of a field serial device to the NPort 6150-G2 module. The NPort 6150-G2 module is shown at the top. Below it, a Mini DB9F-to-TB connector is shown, which is connected to a TB-F9 adapter. The TB-F9 adapter is connected to a field serial device, which is shown at the bottom. The field serial device is a small, rectangular component with a DB9 connector.

Field Serial Device Connection Scenario	Corresponding New product Combination
Scenario B: The field serial device transmits data via RS-232 and connects to the DE-311 through the included DB9 male null-modem adapter.  The diagram shows a vertical stack of components connected by lines. At the top is the DE-311 (a white Moxa NPort Express module). Below it is a DB9 male null-modem adapter (a small black component with a DB9 connector). At the bottom is a field serial device (a metal bracket with a DB9 female connector). The field serial device is enclosed in a black rectangular box.	Successor Product Combination: NPort 6150-G2, Mini DB9F-to-TB, and TB-M9 The field serial device connects to the NPort 6150-G2 through a TB-M9 DB9-male-to-terminal-block adapter and a Mini DB9F-to-TB DB9-female-to-terminal-block connector.  The diagram shows a vertical stack of components connected by lines. At the top is the NPort 6150-G2 (a black Moxa NPort module). Below it is a Mini DB9F-to-TB (a small blue component with a DB9 female connector). Below that is a TB-M9 (a green component with a DB9 male connector and terminal block). At the bottom is a field serial device (a metal bracket with a DB9 female connector). The field serial device is enclosed in a black rectangular box.

What else should you consider during migration?

Besides dimensions, cables, and pin assignments, also review the following differences when migrating from the NPort Express Series to the NPort 6150-G2.

- **Power over Serial (PoS)**

DE-211 supports power over serial (PoS), but the NPort 6150-G2 does not. If the existing field device relies on PoS, use an external power injector or an equivalent power solution.

- **Ethernet Modem Mode**

DE-211 and DE-311 support Ethernet Modem Mode, which emulates modem behavior through an AT command set. This mode is not supported on the NPort 6150-G2.

- **Medical certification (EN 60601-1-2, EN 55011)**

DE-311 is certified for EN 60601-1-2 and EN 55011, while the NPort 6150-G2 is not. If the existing application requires these medical certifications, please consider using the NPort 5450-G2 or NPort 5210-G2 as the successor option, which is scheduled to be available around Q1 2027.

- **Linux Real TTY driver**

The NPort 6150-G2 supports Linux kernel versions 4.x, 5.x, and 6.x. For security and long-term support considerations, we recommend updating the host system to Linux kernel version 4.x or higher. If your application still requires a legacy Linux kernel version, contact Moxa for further support.

- **Windows Real COM driver**

NPort 6150-G2 supports Windows 11, 10, 8.1, 8, and 7, Windows Server 2022, 2019, 2016, 2012R2, 2012, and 2008R2. For security and long-term support considerations, we recommend using a supported Windows version. If your application still requires a legacy Windows version, contact Moxa for further support.

How should the NPort 6150-G2 configuration be handled during migration?

The following configuration steps provide general guidance for migrating to NPort 6150-G2. The actual configuration may vary depending on the original application design, operation mode, network settings, serial parameters, driver usage, and security requirements. For detailed configuration procedures and parameter definitions, refer to the NPort 6000-G2 Series User Manual.

<https://www.moxa.com/en/support/product-support/software-and-documentation/search?psid=137659>

1. Configure the NPort 6150-G2 based on the original NPort Express setup.
 - Complete the first-time setup and assign the IP address using Device Search Utility (DSU) v3.0 or later. You can also access the Web Console after the IP address has been configured.
 - Configure the network settings, operation mode, serial port settings, and secure connection settings according to the original application requirements.

- For the operation mode, select the proper application type based on how the host application communicates with the serial device, for example, COM-based Control, Socket, Pair Connection, Connect Console, or Connect Modem.
 - For serial communication, make sure the serial port settings are aligned with the field serial device to maintain equivalent serial-port functionality.
2. For COM/TTY-based applications using Moxa drivers, remap the host COM/TTY port to the NPort 6150-G2.
- For Windows COM-based applications, select COM-based Control and Real COM mode, then use NPort Windows Driver Manager to map the COM port to the NPort6150-G2.
 - Activate the mapped COM port after configuration. The host computer will not use the mapped COM port until it is activated.
 - For Linux/UNIX-like applications, map the fixed TTY port according to the corresponding driver setup process.
3. For TCP/UDP socket applications, configure the NPort 6150-G2 as a socket application.
- Use TCP Server mode when the host application initiates the TCP session. In this mode, the NPort 6150-G2 listens on the assigned TCP data port and waits for the host application to establish the connection.
 - The default TCP data port is 4001. If the host application uses a different port number, update the NPort6150-G2 data port or the host application setting accordingly.
 - For TCP Client or UDP applications, select the corresponding socket mode and verify that the IP address, TCP/UDP port, and connection behavior match the host application design.
4. Verify functional compatibility after configuration.
- Confirm that the host application can communicate with the field serial device through the NPort 6150-G2.
 - Verify the serial data flow, COM/TTY mapping or socket connection, IP address, TCP/UDP port, and serial-port behavior.
 - If encrypted communication is required, configure Secure Connection and verify whether the application requires an encrypted connection or an encrypted and authenticated connection.

If you have any questions, please contact your regional sales representative.