

Product Change Notification—PCN001082 Rev 03

Nov 18, 2025







Dear Valued Customer,

We would like to inform you that Moxa is going to make changes to the NPort 5000AI-M12 Series, because of better component management. These changes will be implemented by Jan 01, 2026. Please review the details below to determine how these changes will affect your products and/or operations.

What will change?

The following changes will be implemented in the new hardware revision 1.3:

1. EN50155:2021 and EN50121-4:2019 certification
2. Ethernet PHY
3. Flash
4. Real-time clock
5. Model label format (Using NPort 5450AI-M12 as reference, applies to all models)

Current Version	New Version
 Model Type: NPort 5450AI-M12 MN: NPort 5450AI-M12 Default IP: 192.168.127.254 Production S/N:  <small>TZAD01000001</small> MAC Address: MAC_01 Input: 12-48 Vdc, 440mA (max.) Rev.: 1.3.0  Made in Taiwan P/N:3093001000304	 Model Type: NPort 5450AI-M12 MN: NPort 5450AI-M12 Default IP: 192.168.127.254 Production S/N:  <small>TZAD01000001</small> MAC Address: MAC_01 Input: 12-48 Vdc, 440mA (max.) Rev.: 1.3.0  Made in Taiwan P/N:3093001000305

The hardware form-fit function stays the same.

Firmware will advance to v2.0, and the version is also compatible to prior hardware revision. For firmware versions prior to v2.0, those cannot be installed on hardware V1.3.0. Please refer to the firmware release note on the product website for the detail of changes in firmware.

	Firmware v2.0	Firmware 1.5 and prior
Hardware revision V1.3.0	V	X
Hardware revision V1.2.x and prior	V	V

For firmware v1.5 or earlier, it is strongly recommended to use **Device Search Utility** to upgrade to firmware v2.0. If you can only upgrade the firmware by web console, please contact your regional technical support window for further assistance.

Which products will be affected?

Product Name	Current Version
NPort 5150AI-M12 models	V1.2.0
NPort 5250AI-M12 models	V1.2.0
NPort 5450AI-M12 models	V1.2.0

When will the new products be available?

Product Name	Version	Available for Order
NPort 5150AI-M12 models	V1.3.0	Now (By request)
NPort 5250AI-M12 models	V1.3.0	
NPort 5450AI-M12 models	V1.3.0	

Note:

1. The effective schedule of this transition may be changed based on stock availability. If you have any questions, please contact your regional sales representative.
2. During the transition period, if your operation or project requires EN 50155:2021 compatible version (V1.3.0), please contact your regional sales representative.

If you have any questions, please email Fangping Cheng at FangPingFP.Cheng@moxa.com, or contact your regional sales representative.