

Product Change Notification—PCN# PCN000953
December 22, 2022

Dear Valued Customer,

We would like to inform you that Moxa is going to make changes to the UC-8200 Series. These changes will be implemented by January 2023. Please review the details below to determine how these changes will affect your products and/or operations.

What will change?
Hardware Changes

Model	Change Description
UC-8220-T-LX-AP-S UC-8220-T-LX-US-S	Supports new separately sold Wi-Fi module “UC-8200-WLAN22-AC” because of the original Wi-Fi module “UC-8200 WiFi-AC” key component end of life
* UC-8220-T-LX and UC-8220-T-LX-EU-S have already adopted these changes.	Supports an active GPS antenna.
	Changed LTE Cat.4 module from u-blox TOBY-L210 to Telit LE910C4 for a more stable connection.
UC-8210-T-LX-S UC-8220-T-LX UC-8220-T-LX-AP-S UC-8220-T-LX-US-S UC-8220-T-LX-EU-S	Changed chassis screws to Torx Screws (6-point star-shaped pattern, also known as star screw) for tamper-resistant enhancement.

Software Changes

Moxa Industrial Linux 1 (MIL1)

Model	Change Description
UC-8210-T-LX-S UC-8220-T-LX-AP-S UC-8220-T-LX-US-S	OS updated from Moxa Industrial Linux to version 1.1.0. For details, please visit https://docs.moxa.online/mil/
	Bootloader enhancement : <ul style="list-style-type: none"> • Added an option to set an Admin password for security enhancement • Added an option to install OS image from USB • Added an option to boot from a USB drive. • Added an option to clear TPM

*UC-8220-T-LX and UC-8220-T-LX-EU-S have already adopted the above changes.

Moxa Industrial Linux 3 (MIL3)

We are pleased to announce the release of the latest Moxa Industrial Linux 3.0, MIL3. MIL3 is available in **secure** and **standard** versions, whereas the UC-8200 with MIL3 secure is the [world's first IEC 62443-4-2 certified host device](#). You can use the Computer Configuration System (CCS) to order UC-8200 with MIL3 preinstalled by selecting the following model name:

CCS Model Name
UC-8210-T-LX-S (CTO)
UC-8220-T-LX (CTO)
UC-8220-T-LX-US-S (CTO)
UC-8220-T-LX-EU-S (CTO)
UC-8220-T-LX-AP-S (CTO)

Which products will be affected?

Product Name	Product Revision		OS Image Version		Bootloader Version	
	Current	New	Current	New	Current	New
UC-8210-T-LX-S	V1.0.2	V2.1.0	V1.3	V1.5	V2.3	V2.5
UC-8220-T-LX-AP-S	V1.0.2	V2.1.0	V1.3	V1.5	V2.3	V2.5
UC-8220-T-LX-US-S	V1.0.2	V2.1.0	V1.3	V1.5	V2.3	V2.5
UC-8220-T-LX	V2.0.0	V2.1.0	V1.5	V1.5	V2.5	V2.5
UC-8220-T-LX-EU-S	V2.0.0	V2.1.0	V1.5	V1.5	V2.5	V2.5

When will the new versions be available?

The new model revision is projected to be available after January 2023. The stock consumption rate of the current product revision may result in an earlier or later available date than the projected date.

If you have any questions, please contact Matthew Lee (matthew.lee@moxa.com) or contact your regional sales representative.