



## OS Image for UC-1200A and UC-2200A Series Release Notes

<b>Version: v1.2</b>	<b>Build: 250102_031115</b>
<b>Release Date: Feb 19, 2025</b>	

### Applicable Products

UC-1200A Series, UC-2200A Series

### Supported Operating Systems

Moxa Industrial Linux 3 (Debian 11)

### New Features

- Supports encryption of external disk partitions such as a USB drive and SD card.
- UC-2200A Series: Supports Telit LE910C4-WWxD module on Asia-Pacific models.
- MCIM Tool:
  - Supports enable/disable of peripheral interfaces (Ethernet, console port, serial port) with Moxa Computer Interface Manager (MCIM).
  - Supports I/O status settings for UC-8200 Series (U-boot version 3.2 or higher) and UC-1200A/2200A Series (U-boot version 1.2 or higher) with in MCIM.
- MCM Tool:
  - Supports AutoAPN with Moxa Connection Manager (MCM) (enabled when the APN field is left blank).
  - Supports automatic time synchronization with an NTP server, GPS location, or cellular base station with MCM.
  - Supports the "WiFi-p2p" interface with MCM.
  - UC-2200A Series: Supports monitoring of cellular and Wi-Fi signals with MCM to enable accurate triggering of failover.
  - UC-2200A Series: Supports lock-down of cellular 3G/4G/5G connections with MCM.
- MSU Tool:
  - Supports MIL online/ offline updates with Moxa Software Updater (MSU).

### Enhancements

- Includes the latest security patches.
- MCM Tool:
  - Supports IPv6 address on LAN1 when the Type changes from "managed" to "none" in Moxa Connection Manager (MCM).
  - Supports monitoring gpsd with MCM to ensure GPS port.
  - Supports SIM activation with MCM to ensure higher success with SIM registrations.
- Supports a serial port to connect to UPort "-G2" Series devices.
- Supports alias name "mg" for "mx-guardian" command.
- MSM Tool:
  - Supports compression function with Moxa System Manager (MSM) to reduce backup file size.
- Supports creating snapshots, replicas, and backups in cold mode that ensures data integrity.
- Increases the log partition size (/var/log) from 256 MB to 1024 MB.

### Bugs Fixed

- LAN1 sometimes fails to obtain IPv4 and IPv6 addresses when Type is set to "none" in Moxa Connection Manager (MCM).
- UC-2200A Series: Cellular data usage is displayed as zero in MCM.
- UC-2200A Series: Manually (via CLI) turning off power to the cellular module will restart MCM.

### Changes



- Disables the Debian "networking" parameter in "moxa-connection-manager.service".
- The "set to default" option will only reset the configuration file and does not restart MCM.

### **Notes**

- Known Issue: The time format of the bootloader log is incorrect (e.g., 20124-mm-dd).
- UC-1200A/2200A Series Support for Backup File Import:
  - HW Rev. 1.0.1 and above do not support the import of backup files created by the HW Rev. 1.0.0 of the product.
  - HW Rev. 1.0.1 does not support the reloading of an existing firmware image created by a HW Rev. v1.1 product.

Note: Firmware version v1.1 and the U-boot version 1.0.0S01+2304261458 for UC-1200A/2200A will be removed from the product page and Moxa Repository, respectively, to prevent the accidental occurrence of the abovementioned issue.

- For detailed release notes, including a change list for the packages, visit the Moxa Industrial Linux document center at: <https://docs.moxa.online/mil/>.



<b>Version: v1.1</b>	<b>Build: Build 24020711</b>
<b>Release Date: Sep 18, 2024</b>	

### **Applicable Products**

UC-1200A Series, UC-2200A Series

### **Supported Operating Systems**

Moxa Industrial Linux 3 (Debian 11)

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- Low-probability issue where Ethernet ports were not properly enabled after a reboot.
- An issue in the Moxa System Manager's backup creation feature that occurred when using non-standard model names for Moxa computers were used.

### **Changes**

- Adds a check for out-of-bounds interface names in the Moxa Connection Manager (MCM).

### **Notes**

N/A



<b>Version: v1.0</b>	<b>Build: Build 23102515</b>
<b>Release Date: Dec 27, 2023</b>	

### **Applicable Products**

UC-1200A Series, UC-2200A Series

### **Supported Operating Systems**

Moxa Industrial Linux 3 (Debian 11)

### **New Features**

- First release.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A