



## Firmware for UC-2100 Series (Linux) Release Notes

<b>Version:</b> v1.9	<b>Build:</b> Build_210331_042437
<b>Release Date:</b> May 03, 2021	

### Applicable Products

UC-2100 Series

### Supported Operating Systems

Moxa Industrial Linux (Debian 9)

### New Features

- Built-in MXIO library for faster application development for ioLogik E1200 Series IOs.

### Enhancements

- Includes Debian security update 20210221.

### Bugs Fixed

- Need to tune the module initialization sequence on UC-2114-T-LX and UC-2116-T-LX to enhance compatibility to old LTE module (firmware revisions prior to L0.0.00.05.08).
- Clean up redundant module id file created when an unexpected power suspension occurs on the UC-2114-T-LX and UC-2116-T-LX.

### Changes

- Bumps the 'moxa-cellular-utils' minimum required version to 2.10.17.

### Notes

N/A



<b>Version: v1.7</b>	<b>Build: Build_20120315</b>
<b>Release Date: Jan 22, 2021</b>	

## Applicable Products

UC-2100 Series

## Supported Operating Systems

Moxa Industrial Linux (Debian 9)

## New Features

- Supports Sierra Wireless Telit LE910C1-EU.
- Supports Sierra Wireless Telit LE910C1-AP.
- Supports Moxa MXview tool.

## Enhancements

- Upgrades kernel version to CIP 4.4.190.
- Upgrades Debian to version 9.13.
- Updates moxaburn to version 20081811.

## Bugs Fixed

N/A

## Changes

- Replaces mx-mod-ctl command with mx-module-ctl in the initial script of the platform.
- Replaces the uc2100-moxa-configs package with uc2100-base-system.
- Replaces uc2100-sparklan-firmware package with sparklan-qca9377-driver-4.4.0-cip-am335x.
- Uses mx-module-ctl to control the power module in the initial script of the platform.
- The minimum version requirement for moxa-cellular-utils is now 2.10.12.
- The minimum version requirement for moxa-module-ctrl is now 1.6.0.
- The minimum version requirement for the moxa-snmpd-support-package is now 1.1.1.
- The minimum version requirement for moxa-wifi-utils is now 1.8.6.
- The minimum version requirement for tpm2-tools is now 4.1.1-1-moxa1.
- Removes the auto-mount function.
- Uses modules-load.d to probe the crypto kernel module.
- Uses udev to configure the CAN bus link.
- Uses udev to configure the initial GPS settings for UC-2116-T-LX.
- Modifies the matching rule 09-watchdog.rules.

## Notes

- The NBIOT PPP connection works only with IPv4.



<b>Version: v1.6</b>	<b>Build: Build_20042110</b>
<b>Release Date: Jun 05, 2020</b>	

### **Applicable Products**

UC-2100-W Series, UC-2100 Series

### **Supported Operating Systems**

Moxa Industrial Linux (Debian 9)

### **New Features**

N/A

### **Enhancements**

- Updated the serial driver for better production stability.

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v1.4</b>	<b>Build: Build 19020110</b>
<b>Release Date: Feb 01, 2019</b>	

### **Applicable Products**

UC-2100 Series

### **Supported Operating Systems**

Moxa Industrial Linux (Debian 9)

### **New Features**

- Supports the carrier switch function on the NB-IOT module (UC-2114-T-LX, UC-2116-T-LX).
- Adds the ntpdate and rsync commands.

### **Enhancements**

N/A

### **Bugs Fixed**

- Wireless module does not respond to an AT command.

### **Changes**

- Upgrades moxa-cellular-utils and moxa-mux-tools commands.
- Removes the moxa-rclocal command.
- Renames the kernel version from 4.4.0-cip-uc2100 to 4.4.0-cip.

### **Notes**

N/A



<b>Version: v1.2</b>	<b>Build: 18051610</b>
<b>Release Date: Nov 27, 2018</b>	

### **Applicable Products**

UC-2102-LX, UC-2111-LX, UC-2104-LX, UC-2112-LX, UC-2112-T-LX, UC-2101-LX

### **Supported Operating Systems**

Moxa Industrial Linux (Debian 9)

### **New Features**

- First release.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A