



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

Version: v1.9	Build: Build_210331_042437
Release Date: May 03, 2021	

Applicable Products

UC-2100-W Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

- Adds Sierra Wireless Telit LE910C1-EU support.
- Adds Sierra Wireless Telit LE910C1-AP support.
- Adds Moxa MXView support.
- Built-in MXIO library for faster application development for ioLogik E1200 Series IOs.

Enhancements

- Includes Debian security update 20210221.

Bugs Fixed

- Fix matching rule 09-watchdog.rules.
- 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 L0.0.00.00.05.08).
- 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

- Upgrades kernel version to CIP 4.4.190.
- Upgrades Debian version to 9.13.
- Replaces "mx-mod-ctl" with "mx-module-ctl" in the platform initialization script to control the power to the module.
- Bumps the "moxa-cellular-utils" minimum required version to 2.10.17.
- Bumps the "moxa-module-ctrl" minimum required version to 1.6.0.
- Bumps the "moxa-snmpd-support-package" minimum required version to 1.1.1.
- Bumps the "moxa-wifi-utils" minimum required version to 1.8.6.
- Bumps the "tpm2-tools" minimum required version to 4.1.1-1-moxa1.
- Replaces the "uc2100-moxa-configs" package with "uc2100-base-system".
- Replaces the "uc2100-sparklan-firmware" package with "sparklan-qca9377-driver-4.4.0-cip-am335x".
- Uses "modules-load.d" to probe the crypto kernel module.
- Uses "udev" to configure the CANbus link.
- Uses "udev" to initialize GPS on the UC-2116-T-LX.
- Updates "moxaburn" to version 20081811.
- Removes the auto-mount function.

Notes

N/A



Version: v1.6	Build: Build_20042110
Release Date: Jun 05, 2020	

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



Version: v1.4	Build: Build 19020110
Release Date: Feb 01, 2019	

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



Version: v1.2	Build: 18051610
Release Date: Nov 27, 2018	

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