



OS Image for UC-8100A-ME-T Series Release Notes

Version: v1.7	Build: 221207_100427
Release Date: Mar 06, 2023	

Applicable Products

UC-8100A-ME-T Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

- Adds the moxa-bootloader-manager utility for upgrading the bootloader from Linux.

Enhancements

- Includes the latest security patches.

Bugs Fixed

- Even if the watchdog timer flags WDIOS_ENABLECARD and WDIOS_DISABLECARD are set successfully, the return value always still indicates failure.
- CVE-2022-3088 for moxa-version utility.

Changes

N/A

Notes

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



Version: v1.6	Build: 220302_025847
Release Date: May 05, 2022	

Applicable Products

UC-8100A-ME-T Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

- Adds the moxa-auto-mountd package for configuring auto-mounting of USB devices and SD card.
- Synchronizes utilities, libraries, and configurations across all Moxa Arm-based computer models with Moxa Industrial Linux 1.1.0.
- Adds moxa-mxio-library, a user-friendly I/O programming library to reduce development effort and ease transfer operations when retrieving data from the ioLogik E1200 I/O devices.

Enhancements

- Updates Debian to version 9.13.
- Includes the latest security patches.
- Cellular signal strength LED will now light up only when a connection to the Internet is available.
- The mx-ver utility now displays the Moxa Industrial Linux version.
- Adds the Moxa UPort driver for the UPort 1100/1200/1400/1600 Series.
- Increases the signal strength refresh interval to 60 seconds to improve performance.
- Upgrades tpm2-tools from 3.1.3-2 to 4.1.1-1.
- The Type parameter of wifi_mgmt utility is no longer case sensitive.

Bugs Fixed

- Duplicated SSIDs in the managed AP list of the wifi_mgmt utility.

Changes

- Removes the deprecated 'mx-security' utility

Notes

- For detailed release notes, including a change list for the packages, visit the Moxa Linux document center at:

<https://docs.moxa.online/mil/>



Version: v1.5	Build: N/A
Release Date: Oct 20, 2020	

Applicable Products

UC-8100A-ME-T Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

N/A

Enhancements

- Upgrades the tpm2-tools to version 3.1.3-2.
- Now includes header files of all Moxa Libraries and kernel.

Bugs Fixed

- The cellular signal process initialization mechanism (signald) has been enhanced to fix an issue where the signal LED was not lighting up in some circumstances.

Changes

- Updated kernel version from 4.4.75 to 4.4.190.
- OS updated from Debian 9: 9.3 to 9.12. For details, visit <https://www.debian.org/News/2020/2020020802>.

Notes

N/A



Version: v1.3	Build: N/A
Release Date: Nov 13, 2019	

Applicable Products

UC-8112A-ME-T-LX, UC-8112A-ME-T-LX-US, UC-8112A-ME-T-LX-EU, UC-8112A-ME-T-LX-AP

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

N/A

Enhancements

- Changed the default mode from router to bridge mode so that users can still access the devices connected to UC-8112A while using a public IP SIM card.
- Changed the default mode from RNDIS to ECM because throughput under the RNDIS mode is limited.
- The signal representation in moxa-cellular-utils now uses a level indicator, which ranges from 0 (no signal) to 5 (excellent).
- Preinstalls Moxa Platform Libraries (GPIO, buzzer, UART, LED, and push button) and headers.

Bugs Fixed

- An issue with the buzzer API in the Moxa Platform Libraries.
- Adds the moxa-wifi-signal package to fix an issue where the Wi-Fi signal strength LED does not light up properly.
- Interoperability issues between ThingsPro and moxa-cellular-utils.
- Verizon compatibility issues in moxa-cellular-utils.
- A default route setting issue in moxa-cellular-utils.
- Incorrect service name used by moxa-ublox-config-utils.
- Status display issue in the cell_mgmt status command for the Ublox Toby Series LTE modules.

Changes

N/A

Notes

N/A



Version: v1.0	Build: N/A
Release Date: Apr 30, 2019	

Applicable Products

N/A

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