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

Version: v3.3	Build: 24031914
Release Date: Mar 19, 2024	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

N/A

Enhancements

• Includes the latest security patches.

Bugs Fixed

N/A

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: v3.2	Build: 221214_102742
Release Date: Mar 06, 2023	

Applicable Products

UC-8100-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: v3.1	Build: 220217_045601
Release Date: May 05, 2022	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

• 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.

Bugs Fixed

• Stopping the moxa-auto-mountd service does not unmount all target devices.
• An issue with the systemd service file path.
• An issue with the UART port number.

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: v3.0	Build: N/A
Release Date: Nov 26, 2018	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

• Includes a file system check mechanism (fsck) in the bootloader.

Enhancements

• Upgraded the root file system from Debian 8 to Debian 9. For more information on the Debian packages included, visit: https://www.debian.org/distrib/packages.en.html
• Upgraded the Linux kernel from version 4.1.36 to 4.4. For additional information, visit: https://www.kernel.org/pub/linux/kernel/v4.x/

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v2.2	Build: Build 18010313
Release Date: May 23, 2018	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

Debian 8.x

New Features

• TPM 2.0 driver for the TPM 2.0 module.

Enhancements

• Upgraded the root file system from Debian7 to Debian8. For more details, visit:
https://www.debian.org/distrib/packages.en.html
• Upgraded Linux kernel from 3.7 to 4.1. For more detail, visit:
https://www.kernel.org/pub/linux/kernel/v4.x/

Bugs Fixed

N/A

Changes

• Updated moxa-cellular-utils to v1.18.0.

Notes

N/A

Version: v2.1	Build: Build 17041918
Release Date: N/A	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

• Updated moxa-cellular-utils to v1.19.0
• Move mx_led_control tool from /bin folder to /sbin folder.
• Modified usb host driver to support "usb port control" feature by bootloader setting.
• Fixed omap-sham warning message.
• Updated setdef package version to v2.1.0

Notes

N/A

Version: v2.0	Build: Build 17032117
Release Date: N/A	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

N/A

New Features

• Supported MC7455 Cellular Module.

Enhancements

N/A

Bugs Fixed

Fixed CVE Issues:
CVE-2016-4482
CVE-2016-4486
CVE-2016-4805
CVE-2016-3138
CVE-2016-2550
CVE-2016-2847
CVE-2016-3134
CVE-2016-3156
CVE-2016-0723
CVE-2016-0821
CVE-2016-5696
CVE-2016-7117
CVE-2016-6828

Changes

• Upgraded root file system from debian7 to debian8.
For more package info, please refer to following link:
https://www.debian.org/distrib/packages.en.html
• Upgraded Linux kernel from 4.1.13 to 4.1.36.
For more detail info, please refer to following link:
https://www.kernel.org/pub/linux/kernel/v4.x/
• Updated moxa-cellualr-utils, uc8100me-system, uc8100me-sysconfig, uc8100me-syskernel packages.

Notes

N/A

Version: v1.1	Build: Build 17012114
Release Date: N/A	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

N/A

New Features

Support MC7455

Enhancements

N/A

Bugs Fixed

• Fixed MC7354 "switch_carrier" issue.
• Fixed RTC clear WDT status Issue.
• Use watchdog to reboot system.

Changes

• Update kversion v1.0.6
• Support MC7354 LTE module
• Update moxa-cellular-utils to v1.8
• kversion
• qmi_wwan (support raw ip)
• libqmi 1.10 => 1.14
• ds1374 watchdog & rtc driver

Notes

N/A

Version: v1.0	**Build: Build 16030911**
Release Date: N/A	

Applicable Products

UC-8100-ME-T Series

Supported Operating Systems

N/A

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A