



Firmware for UC-8100-ME-T Series Release Notes

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

N/A

New Features

- Added TPM 2.0 Driver for TPM 2.0 Module.
 - Added TPM 2.0 Driver for TPM 2.0 Module.
 - "1. Support MC7430 Cellular Module.
 - Support MC7304 Cellular Module.
 - Create partition 4."
- Increase partition 4 size to over 2.5GB.
Customer USW customize FW based on this version
"Increase partition 4 size to over 2.5GB.
"
- Support switch carrier,check_carrier for MC7430

Enhancements

N/A

Bugs Fixed

update moxaburn test program
Solve partition4 expanding fail

Changes

- Installed eltt2 tool for TPM 2.0 Module.
- Installed tpm2-tools for TPM2.0 Module.
- Installed eltt2 tool for TPM 2.0 Module.
- Installed tpm2-tools for TPM2.0 Module.
- Added secure boot feature into ulmage.

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