



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

<b>Version:</b> v3.1	<b>Build:</b> 220217_045601
<b>Release Date:</b> 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/>



<b>Version: v3.0</b>	<b>Build: N/A</b>
<b>Release Date: Nov 26, 2018</b>	

### **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



<b>Version: v2.2</b>	<b>Build: Build 18010313</b>
<b>Release Date: May 23, 2018</b>	

### **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



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

### **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



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

### **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



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

### **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



<b>Version: v1.0</b>	<b>Build: Build 16030911</b>
<b>Release Date: N/A</b>	

**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