Firmware for UC-3100 Series Release Notes

Version: v1.2	Build: 20040710
Release Date: Nov 06, 2020	

Applicable Products

UC-3100 Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

• Kernel version upgraded from CIP Linux 4.4.75 to 4.4.190.
• OS updated from Debian 9 version 9.3 to 9.11. For details, visit
https://www.debian.org/News/2019/20190908.
• Adds the mx-power-mgmt utility for managing power consumption.
• Includes multi-GNSS (GPS, GLONASS, BeiDou, Galileo, and QZSS) support.
• Bluetooth 4.2 compliant.
• Adds the mx-ver utility for retrieving device model name and version.
• Add the mx-module-ctl utility with wireless module power on/off status query to replace the mx-mod-ctl utility.
• Updates the cell_mgmt utility to support the Telit LE910C1-NF cellular module.
• Upgrades tpm2-tools to version 3.1.3-2.

Enhancements

• Replaces the TI USB 3410 driver with the Moxa UPort driver to improve transmission stability.
• Disables the WL1837 Wi-Fi module ELP mode by default to improve connection stability.

Bugs Fixed

N/A

Changes

• SD and USB card is no longer auto-mounted to increase device security.
• Removes mx-frm-upgrade, mx-frm-downgrade, and mx-overlay commands.
• Adds the can-utils and bridge-utils utilities.
• Merges uc3100-moxa-configs and uc3100-moxa-firmware packages into the uc3100-base-system package.
• Changes kernel name to 4.4.0-cip-rt-am335x.

Notes

N/A

Version: v1.1	Build: N/A
Release Date: Nov 05, 2018	

Applicable Products

UC-3100 Series

Supported Operating Systems

Moxa Industrial Linux (Debian 9)

New Features

• Enables cellular module's 'disable thermal shutdown' feature by default.
• Runs fsck when the system is booting up.
• Adds the moxa-init self-upgrade feature.

Enhancements

N/A

Bugs Fixed

N/A

Changes

• The UART driver ti_usb_3410 is not preinstalled and needs to be installed manually.
• Includes a platform initialization service before the auto-mountd.service.

Notes

N/A