



Firmware for UC-8410A Series Release Notes

Version: v3.3	Build: Build_20240119
Release Date: Apr 25, 2024	

Applicable Products

UC-8410A Series

Supported Operating Systems

Linux

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Updates T2 program (20240118) for the newly introduced Ethernet loopback test.

Notes

N/A



Version: v3.2	Build: Build_20110511
Release Date: Jul 18, 2019	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

- Supports boot up through SD card.
(Limitation: No USB devices should be plugged in when booting the system from the SD card)
- Supports SPARKLAN WPEA-252NI Wi-Fi accessory module.
- Supports Telit LE910C4-AP and Telit LE910C4-EU LTE accessory modules.
- Supports Innodisk mPCIe dual Ethernet port expansion module (EMPL-G201).
- [Kernel Config] Supports hrtimer:sleep nano second level.
- [Kernel Config] Enables IPv6 iptable related config.
- [Kernel Config] Enables Bluetooth subsystem support.
- [Rootfs] Adds new package iw v3.17.

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Uses Debian 8 as the pre-installed OS.
- [Rootfs] Updates /etc/apt/sources.list.
- Updates kversion to make it compatible with mx-ver.
- Bumps moxa-cellular-utils and moxa-cellular-signald versions to 2.10.5.
 - Feature: Supports Telit E910C1/C4 AP/EU modules
 - Feature: Supports logging on AT and QMI command
 - Fix: Keep interface from process IPV6 RA request
 - Fix: Adjust the signald interval to 60 secs
- Bumps moxa-wifi-signald version to 1.8.6
 - Fix: Check link status before get signal
 - Fix: The Type parameter should not be case sensitive
 - Fix: Avoid adding same SSID to list

Notes

N/A



Version: v3.0	Build: Build_18041711
Release Date: May 02, 2018	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Changes the main storage from SD card to eMMC.
- Upgrades the Linux kernel to version 4.4.

Notes

N/A



Version: v2.2	Build: Build_17072115
Release Date: Nov 10, 2016	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Adds the new SPI model to MTD driver to support new SPI flash "s25fl064l".

Notes

N/A



Version: v2.1	Build: Build_17021615
Release Date: Feb 16, 2017	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Linux af_packet.c race condition (local root) vulnerable APT issue.
- Watchdog register setting issue.
- CVE-2016-4482, CVE-2016-4486, CVE-2016-4805, CVE-2015-1350, CVE-2015-2686, CVE-2015-4177, CVE-2015-8830, CVE-2016-3138, CVE-2015-8816, CVE-2015-8844, CVE-2015-8845, CVE-2016-2069, CVE-2016-2550, CVE-2016-2847, CVE-2016-3134, CVE-2016-3156, CVE-2016-3672, CVE-2013-4312, CVE-2016-0723, CVE-2016-0821, CVE-2016-4997, CVE-2016-4998, CVE-2014-7145, CVE-2014-9870, CVE-2014-9888, CVE-2014-9900, CVE-2015-8944, CVE-2016-5696, CVE-2016-7117, CVE-2015-3288, CVE-2016-6828, CVE-2016-5195.

Changes

N/A

Notes

N/A



Version: v2.0	Build: Build_16090216
Release Date: N/A	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

- Upgraded Linux kernel from 3.12 to 4.1.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v1.0	Build: Build_16030217
Release Date: N/A	

Applicable Products

UC-8410A Series

Supported Operating Systems

Debian 8.x

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A