



Firmware for UC-8580 Series (Debian 8.x) Release Notes

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|-----------------------------------|------------------------------|
| Version: v1.2 | Build: Build 20123112 |
| Release Date: Nov 11, 2021 | |

Applicable Products

UC-8580 Series

Supported Operating Systems

Debian 8.x

New Features

N/A

Enhancements

N/A

Bugs Fixed

- The push_btn service needs to run in the background to avoid blocking the initialization process.
- An issue with the set_to_default function.
- DIO state not in sync with the hardware default.
- The SW_ready LED should be off while booting and then light up after the system is ready.
- RTC and its interrupt is not set.

Changes

- Optimized the DIO initialization process.
- Minimum requirement for the following in the kernel and modules is 4.4.201+1.1.6 and Debian 8.
 - linux-headers-4.4.0-cip-rt-moxa-ls102xa
 - linux-kbuild-4.4.0-cip-rt-moxa-ls102xa
- Minimum version required for moxa-cellular-utils is 2.10.15.
- Minimum version required for moxa-wifi-utils is 1.8.6.
- Obsoletes the UART name ttyMI*.
- Sets external GPIO watchdog in the kernel.
 - /dev/watchdog0 represents external_watchdog; used for client service.
 - /dev/watchdog1 represents SoC's watchdog; used for reboot.

Notes

N/A



| | |
|-----------------------------------|------------------------------|
| Version: v1.1 | Build: Build_17072506 |
| Release Date: Oct 19, 2017 | |

Applicable Products

UC-8580 Series

Supported Operating Systems

Debian 8.x

New Features

- Supports QSPI Flash S25FL064L.

Enhancements

N/A

Bugs Fixed

- USB host crash issue when UART interface is opened/closed.
- UART data error issue.
- Filesystem crash issue.

Changes

N/A

Notes

N/A



| | |
|-----------------------------------|------------------------------|
| Version: v1 | Build: Build_17060101 |
| Release Date: Oct 19, 2017 | |

Applicable Products

UC-8580 Series

Supported Operating Systems

Debian 8.x

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A