OS Image for UC-8580 Series Release Notes

Version: v2.3	Build: 24032109
Release Date: Mar 21, 2024	

Applicable Products

UC-8580 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

- Supports auto installation of system image from an USB or a SD card upon next bootup. Use the command mx-bootloader-mgmt image_auto_install to start the installation.

Enhancements

- Includes the latest security patches.
- Removes the 2 GB file size limitation on the bootloader for installing system images via the TFTP server.
  To support system images exceeding 4 GB, use a TFTP server that can accommodate larger files. We recommend using the SolarWinds TFTP server, which is tested and approved by Moxa.

Bugs Fixed

N/A

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/

Version: v2.2	Build: 221206_191317
Release Date: Mar 06, 2023	

Applicable Products

UC-8580 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

• Adds the moxa-bootloader-manager utility for upgrading the bootloader from Linux.

Enhancements

• Includes the latest security patches.

Bugs Fixed

• Even if the watchdog timer flags WDIOS_ENABLECARD and WDIOS_DISABLECARD are set successfully, the return value always still indicates failure.
• CVE-2022-3088 for moxa-version utility.

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/.

Version: v2.1	Build: 220516-135803
Release Date: Dec 06, 2022	

Applicable Products

UC-8580 Series

Supported Operating Systems

Moxa Industrial Linux 1 (Debian 9)

New Features

• Adds the moxa-auto-mountd package for configuring auto-mounting of USB devices and SD card.
• Synchronizes utilities, libraries, and configuration across Moxa Arm-based computer models with Moxa Industrial Linux 1.1.0.
• Adds moxa-mxio-library, an user-friendly I/O programming library to reduce development times and transfer operations when retrieving data from the Moxa ioLogik E1200 Series.

Enhancements

• Upgrades Debian version to 9.13.
• Includes the latest security patches.
• Cellular signal strength LED will now only light up 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 and UPort 1200/1400/1600 Series.

Bugs Fixed

N/A

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/

Version: v2.0	Build: Build 20122411
Release Date: Nov 11, 2021	

Applicable Products

UC-8580 Series

Supported Operating Systems

Debian 9.x

New Features

• First release for Debian 9.x.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A