



Software Package for MPC-3000 Series Computers (Linux drivers and SDK) Release Notes

Version: v1.3	Build: 26013009
Release Date: Sep 18, 2025	

Applicable Products

MPC-3070W Series, MPC-3100 Series, MPC-3120 Series, MPC-3120W Series, MPC-3150 Series, MPC-3150W Series

Supported Operating Systems

CentOS 7.9, Debian 11.x, Debian 12.x, RHEL 9, Ubuntu 22.04, Ubuntu 24.04

New Features

- Adds workflows to support file install, uninstall, self-test, and dry-run.
- Adds workflows to support package install, uninstall, self-test, and dry-run.
- Adds options to show install, uninstall, self-test, and dry-run information for files and packages.
- Adds daughter-board detection utility to get board index from EEPROM.
- Adds a system diagnostic tool.
- Supports text-based user interface for custom configuration
- Supports auto generation of changelog from product dry run lists.
- Supports PT IO board for the BXP/DRP/RKP Series
- Adds an errata format and files.

v1.1:

- Adds Debian 12, Ubuntu 22.04 HWE, and CentOS 7.9 support.
- Adds Moxa Computer Interface Manager (MCIM) wrapper.
- Adds moxa-f81604-driver for f81604 CAN bus support.
- Adds moxa-mxu11x0-driver to support UPort 1100 Series.

Enhancements

N/A

Bugs Fixed

v1.1:

- A UART mode 3 return string issue.
- Super IO gets wrong value from serial mode GPIO when the LDN register is set.
- A compilation issue of the mxuport driver in later versions of RHEL 9.

Changes

- Improves self-test results for "libgpiod" and "moxa-mcu-manager".
- Installs watchdog package on Rocky Linux.
- Installs moxa-x86-control-tools corresponding to the product daughterboard.
- Shows product name instead of hardware board ID.
- Renames change log file to CHANGELOG.md.
- Includes the following refactoring for the new build mechanism:
 - Adopts the two-part version format (major.minor).
 - Removes category-version config build.
 - Removes source version compare function.

v1.1:

- Adopts libgpiod 2.0+1.0.0 for kernel 5.x/6.x.

Notes



N/A



Version: v1.0	Build: N/A
Release Date: Oct 09, 2024	

Applicable Products

MPC-3070W Series, MPC-3100 Series, MPC-3120 Series, MPC-3120W Series, MPC-3150 Series, MPC-3150W Series

Supported Operating Systems

Debian 11.x, RHEL 9, Ubuntu 22.04

New Features

- First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A