



## Software Package for DRP/BXP/RKP Series Computers (Linux drivers and SDK) Release Notes

<b>Version: v1.3</b>	<b>Build: 26013009</b>
<b>Release Date: Sep 18, 2025</b>	

### Applicable Products

BXP-A100 Series, BXP-C100 Series, DRP-A100 Series, DRP-C100 Series, RKP-A110 Series, RKP-C110 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
- Add a errata format.

### Enhancements

N/A

### Bugs Fixed

N/A

### Changes

- Improves self-test results for "libgpod" 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.

### Notes

N/A



<b>Version: v1.2</b>	<b>Build: Build_20250505</b>
<b>Release Date: Jun 13, 2025</b>	

### Applicable Products

BXP-A100 Series, BXP-A101 Series, BXP-C100 Series, DRP-A100 Series, DRP-C100 Series, RKP-A110 Series, RKP-C110 Series

### Supported Operating Systems

CentOS 7.9, Debian 10.x, Debian 11.x, Debian 12.x, RHEL 9, Ubuntu 22.04

### New Features

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

### Enhancements

- Upgrades moxa-x86-control-tools from version 1.8.1 to 2.13.1.
- Upgrades moxa-it87-wdt-driver from version 5.7 to 5.8.
- Upgrades x86-linux-install-wizard from version 1.4.0 to 1.26.1.

### Bugs Fixed

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

### Changes

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

### Notes

The following kernel versions of the OSes are supported:

- Debian 12 (kernel 6.1)
- Debian 11 (kernel 5.10)
- RHEL 9 (kernel 5.14)
- Ubuntu 22.04 HWE (kernel 6.8)
- Ubuntu 22.04 LTS (kernel 5.15)



<b>Version: v1.0</b>	<b>Build: Build_23100618</b>
<b>Release Date: Oct 06, 2023</b>	

### **Applicable Products**

BXP-A100 Series, BXP-C100 Series, DRP-A100 Series, DRP-C100 Series, RKP-A110 Series, RKP-C110 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**

- The following kernel versions of the OSes are supported:
  - Debian 11 (kernel 5.10)
  - RHEL 9 (kernel 5.14)
  - Ubuntu 22.04 LTS (kernel 5.15)