DRP/BXP/RKP Series Computers Linux Drivers and SDK Release Notes

Version: v1.2	Build: Build_20250505
Release Date: Jun 13, 2025	

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)

Version: v1.0	Build: Build_23100618
Release Date: Oct 06, 2023	

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)