Linux Kernel 6.x Driver for Multiport Serial PCI Express and Universal PCI Boards Release Notes

Version: v6.2	Build: 26110519
Release Date: Nov 05, 2026	

Applicable Products

CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, POS-104UL Series

Supported Operating Systems

Linux Kernel 6.x

New Features

N/A

Enhancements

• Improved Kylin OS compatibility by addressing unavailable header file dependencies and differences in command outputs across operating environments.

Bugs Fixed

• An inconsistency between the driver and utility regarding /dev/mxupcie minor numbers and maximum card support, which could cause I/O configuration and display abnormalities.
• Packet mismatches observed during CP-116E-A latency tests with data lengths greater than 64 bytes.
• An issue where some serial boards fail to transmit data when RS-422 mode and hardware flow control are enabled.

Changes

N/A

Notes

N/A

Version: v6.1	Build: N/A
Release Date: Oct 01, 2024	

Applicable Products

CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, POS-104UL Series

Supported Operating Systems

Linux Kernel 6.x

New Features

N/A

Enhancements

- Supporting latest Linux distribution
  - Fedora 39 (Linux kernel 6.5)
  - Fedora 40 (Linux kernel 6.8)
  - Ubuntu 23.04 (Linux kernel 6.8)

Bugs Fixed

- Function type changed in the write() function for Linux kernel 6.6+ to avoid compile error.

Changes

N/A

Notes

N/A

Version: v6.0	Build: 23072020
Release Date: Jul 31, 2023	

Applicable Products

CP-102E/102EL Series, CP-102N Series, CP-102U/102UL Series, CP-104EL-A Series, CP-104N Series, CP-104UL/104JU Series, CP-112N Series, CP-112UL Series, CP-114EL Series, CP-114N Series, CP-114UL Series, CP-116E-A, CP-118E-A-I/138E-A-I Series, CP-118EL-A, CP-118U/138U Series, CP-132EL Series, CP-132N Series, CP-132UL Series, CP-134EL-A-I Series, CP-134N Series, CP-134U Series, CP-168EL-A, CP-168U Series, POS-104UL Series

Supported Operating Systems

Linux Kernel 6.x

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

• New branch that supports only Linux kernel 6.x.
• Tested on distributions:
  - Ubuntu 23.04 kernel-6.2.0-26-generic
  - Fedora 37 kernel-6.2.12-200.fc37.x86_64
  - Debian 12 kernel-6.2.1-060201