Linux Kernel 5.x Driver for Multiport Serial PCI Express and Universal PCI Boards Release Notes

Version: v5.3	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 5.x

New Features

N/A

Enhancements

N/A

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: v5.2	Build: 22072216
Release Date: Jan 17, 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 5.x

New Features

- Adds support for Mini PCIe serial boards:
  CP-102N, CP-132N, CP-104N, CP-134N, and CP-114N Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Replaces "put_tty_driver" with "tty_driver_kref_put" from Linux kernel 5.15 onwards.
- Replaces "alloc_tty_driver" with "tty_alloc_driver" from Linux kernel 5.15 onwards.

Notes

N/A

Version: v5.1	Build: 21102516
Release Date: Oct 25, 2021	

Applicable Products

CP-102U/102UL Series, CP-118EL-A, CP-132UL Series, CP-102N Series, CP-118E-A-I/138E-A-I Series, CP-114EL Series, CP-134N Series, CP-602U-I Series, CP-114N Series, CP-132EL Series, CP-112UL Series, CP-104EL-A Series, CP-168EL-A, POS-104UL Series, CP-134U Series, CP-114UL Series, CP-104UL/104JU Series, CP-104N Series, CP-102E/102EL Series, CP-118U/138U Series, CP-116E-A, CP-602E-I Series, CP-134EL-A-I Series, CP-132N Series, CP-168U Series

Supported Operating Systems

Linux Kernel 5.x

New Features

• Supports Arm64 platform.

Enhancements

N/A

Bugs Fixed

• The muestty command could not set device's serial interface type to RS-232.
• Baud rate mismatch when Linux kernel version is newer than 5.4.
• Utility compilation failed for Debian and Kylin.

Changes

• Downgraded software license from GPLv3 to GPLv2.
• Avoids using mxinstall when compiling utilities that are not supported in the Arm platform.

Notes

N/A

Version: v5.0	Build: 19090215
Release Date: Dec 31, 2019	

Applicable Products

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

Supported Operating Systems

Linux Kernel 5.x

New Features

• First release.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A