



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

<b>Version: v5.2</b>	<b>Build: 22072216</b>
<b>Release Date: Jan 17, 2023</b>	

## 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



<b>Version: v5.1</b>	<b>Build: 21102516</b>
<b>Release Date: Oct 25, 2021</b>	

### **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



<b>Version: v5.0</b>	<b>Build: 19090215</b>
<b>Release Date: Dec 31, 2019</b>	

### **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