Driver for Linux kernel 2.x.x Release Notes

Version: v2.0	Build: 19090215
Release Date: Dec 31, 2019	

Applicable Products

CP-118E-A-I/138E-A-I Series, 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, CA-104 Series, CA-108 Series, CB-108 Series, CA-114 Series, CB-114 Series, CA-132/132I Series, CA-134I Series, CB-134I Series

Supported Operating Systems

Linux Kernel 2.4.x, Linux Kernel 2.6.x

New Features

• Supports PC104 communication module in CA-104, CA-132, CA-132I, CA-108, CA-114, and CA-134I.

Enhancements

N/A

Bugs Fixed

• The msdiag utility fails to get correct board information when multiple boards are installed.
• When CONFIG_DEBUG_ATOMIC_SLEEP is enabled, closing tty ports might cause system crash.
• Race condition issue when users access CPLD with multi-thread.
• Real-time Linux read/write operations may cause kernel errors and incorrect data being received/sent.
• Terminator initialization error in CP-114EL.
• Rx interrupt counter is incorrect.
• When PCIe cards are used, Tx flush may cause incorrect data to be sent.

Changes

• Enables the CLOCAL parameter by default when opening a port for a non-RS-232 interface.
• The modem status CTS, DSR, and DCD are set to ON by default for a non-RS-232 interface.

Notes

• This independent driver version 2.0 is branched from v1.16 to support Linux kernel 2.4.x and Linux kernel 2.6.x.

Version: v1.16	Build: N/A
Release Date: Mar 31, 2014	

Applicable Products

N/A

Supported Operating Systems

Linux 2.4.x, Linux 2.6.x, Linux 3.x

New Features

- Supports CP-118E-A-I, CP-138E-A-I, CP-134EL-A-I, and CP-116E-A.
- Supports kernel versions up to 3.11.0.

Enhancements

N/A

Bugs Fixed

- The PCIe modules now support disable FIFO.
- Fixed the size problem of ioctl 'TIOCSERGETLSR' in 64-bit kernel.
- The serial settings are not set when the serial port is opened.
- Fixed the prototype of IOCTL operation being declared improperly in Linux kernel 3.x.
- Fixed system crashes when an application calls ioctl() with TIOCMIWA.

Changes

N/A

Notes

N/A