Driver for UPort 1200/1400/1600 Series (Linux kernel 4.x) Release Notes

Version: v4.1	Build: 21111116
Release Date: Nov 11, 2021	

Applicable Products

UPort 1200/1400/1600 Series

Supported Operating Systems

Linux Kernel 4.x

New Features

• Now supports Arm 32-bit/64-bit platforms.

Enhancements

N/A

Bugs Fixed

• Bugs related to setserial command on kernel 4.20 and later.
• Issue with ioctl MOXA_SET_INTERFACE always returning EINVAL.
• A kernel crash issue when Uport 1200 is removed from the system.
• Compiler error ASYNCB_ undeclared in Debian 9 (kernel 4.9).
• Command set interface failure in RHEL8.
• Compiler error with function access_ok() having wrong input parameters in RHEL 8.

Changes

• Downgraded software license from GPLv3 to GPLv2.

Notes

• Linux distributions tested:
    - Kernel 4.20.0
    - Ubuntu 16.04 (4.4.0)
    - Fedora 26 (4.16.11)
    - Fedora 25 (4.8.6)
    - Centos 8 (4.18.0)
    - Debian 10_vm (4.19.0)
    - Debian 9.13 (4.9.0)
    - OpenSUSE 42.3_vm (4.4.179)
    - RHEL 8 (4.18.0)
    - Linux Mint 19.2 (4.20.0)
    - Kylin (Arm 64-bit) (4.4.131)
    - Moxa Industrial Linux (MIL) (Arm 32-bit) (4.4.0)

Version: v4.0	Build: 19061716
Release Date: Jun 17, 2019	

Applicable Products

UPort 1200/1400/1600 Series

Supported Operating Systems

Linux Kernel 4.x

New Features

• Supports Raspbian Jessie or later for Raspberry Pi 2/3.

Enhancements

• Supports disabling FIFO through the setserial utility.

Bugs Fixed

• Read/write issue that was caused by baud rate setting in Fedora 25 (Kernel 4.13.16).
• The modem status did not correct after opening ports.

Changes

• Branched the driver version. Version 4.0 only supports Linux kernel 4.x.

Notes

N/A

Version: v1.2	Build: Build 12071314
Release Date: Jan 18, 2019	

Applicable Products

UPort 1250, 1250I Series, UPort 1410, 1450, 1450I Series, UPort 1610-8, 1650-8 Series, UPort 1610-16, 1650-16 Series

Supported Operating Systems

Linux Kernel 2.6.x, Linux Kernel 3.x

New Features

• Supports kernel version up to 3.4.4.

Enhancements

N/A

Bugs Fixed

• Fixed bug failed under GCC version 3.3.3.
• Fixed system experienced memory leaks when application performed opening and closing operations for long periods.
• Fixed application froze when opening or closing frequently.

Changes

N/A

Notes

N/A