



Driver for UPort 1200/1400/1600/1400-G2/1600-8-G2 Series (Linux kernel 4.x) Release Notes

Version: v4.2	Build: 23091818
Release Date: Oct 13, 2023	

Applicable Products

UPort 1200/1400/1600 Series, UPort 1400-G2 Series, UPort 1600-8-G2 Series

Supported Operating Systems

Linux Kernel 4.x

New Features

- Supports UPort 1400-G2/1600-8-G2 Series.
- Supports MU250U/MU450U/MU850U UART.
- Supports DKMS.

Enhancements

N/A

Bugs Fixed

- An issue of setserial not working in RHEL 8.

Changes

N/A

Notes

Tested for Linux versions/distributions:

Kernel 4.20.0

Ubuntu 18.10 (kernel 4.18.0)

Ubuntu 18.04_vm (kernel 4.15.0)

Ubuntu 17.10 (kernel 4.13.0)

Fedora 29 (kernel 4.18.16)

Fedora 28 (kernel 4.16.3)

Fedora 26_vm (kernel 4.16.11)

Fedora 25 (kernel 4.13.16)

Debian 10 (kernel 4.19.0)

Debian 9 (kernel 4.9.0)

Debian 9_vm (kernel 4.9.0)

CentOS 8 (kernel 4.18.0)

OpenSuse Leap 15.1 (kernel 4.12.14)

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Kylin (Arm 64) (kernel 4.4.131)



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