Driver for UPort 1200/1400/1600/1200-G2/1400-G2/1600-8-G2 Series (Linux kernel 5.x) Release Notes

Version: v5.3	Build: 20260114
Release Date: Jan 13, 2026	

Applicable Products

AWK-1131A Series, UPort 1200-G2 Series, UPort 1200/1400/1600 Series, UPort 1400-G2 Series, UPort 1600-8-G2 Series

Supported Operating Systems

N/A

New Features

test

Enhancements

test

Bugs Fixed

test

Changes

test

Notes

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Version: v5.2	Build: 23091818
Release Date: Oct 13, 2023	

Applicable Products

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

Supported Operating Systems

Linux Kernel 5.x

New Features

- Supports UPort 1200-G2/1400-G2/1600-8-G2 Series.
- Supports MU250U/MU450U/MU850U UART.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

Tested for the following Linux versions/distributions:
Kernel 5.19.0
Ubuntu 22.10 (kernel 5.19.0)
Ubuntu 19.10_vm (kernel 5.0.0)
Fedora 36 (kernel 5.17.5)
Fedora 35 (kernel 5.14.10)
Fedora 33 (kernel 5.8.15)
Debian 11 (kernel 5.10.0)
CentOS Stream 9_vm (kernel 5.14.0)
OpenSuse Leap 15.5 (kernel 5.14.21)
OpenSuse Leap 15.5_vm (kernel 5.14.21)
OpenSuse Leap 15.3 (kernel 5.3.18)
Ubuntu Kylin (Arm) (kernel 5.11.0)
Moxa Industial Linux 3.0 (Arm) (kernel 5.10.0)

Version: v5.1	Build: 21111116
Release Date: Nov 11, 2021	

Applicable Products

UPort 1200/1400/1600 Series

Supported Operating Systems

Linux Kernel 5.x

New Features

- Now supports Arm 32-bit/64-bit platforms.
- Supports static symbolic tty name by COM Preserver function.

Enhancements

N/A

Bugs Fixed

- Bugs related to the setserial command on UPort 1200.
- Issue with ioctl MOXA_SET_INTERFACE always returning EINVAL.
- A kernel crash issue when UPort 1200 is removed from the system.
- A compiler error in Fedora 31 (kernel 5.3.7).
- A compiler error in Fedora 35 (kernel 5.14.7).

Changes

- Downgraded software license from GPLv3 to GPLv2.

Notes

- Linux distributions tested:
  - Kernel 5.11.12
  - Ubuntu 18.04 (5.4.0)
  - Ubuntu 20.04 (5.4.0)
  - Ubuntu 21.04 (5.11.0)
  - Fedora 31 (5.3.7)
  - Fedora 34 (5.11.12)
  - Opensuse15.3 (5.3.18)
  - Raspberry Pi (Arm 32-bit) (5.10.63)
  - Ubuntu 21.04 (Arm 64-bit) (5.11.0)
  - Ubuntu 20.04 (Arm 32-bit) (5.4.0)
  - Fedora 33 (Arm 64-bit) (5.8.15)
  - Ubuntu Kylin (5.11.0)

Version: v5.0	Build: 19061716
Release Date: Jun 17, 2019	

Applicable Products

UPort 1200/1400/1600 Series

Supported Operating Systems

Linux Kernel 5.x

New Features

• Supports Raspbian Jessie or later for Raspberry Pi 2/3.
• Supports Linux ttyUSBx naming. ttyMXUSBx legacy naming is still supported as a symbolic link.

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

N/A

Notes

N/A