



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

<b>Version: v4.3</b>	<b>Build: 25100216</b>
<b>Release Date: Oct 02, 2025</b>	

### 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 4.x

### New Features

N/A

### Enhancements

- Upgrade UPort G2 Series UART firmware.

### Bugs Fixed

- Device firmware version displayed does not show the minor version number.

### Changes

N/A

### Notes

- Tested Linux Kernel & Distributions:
  - Up to 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)
  - OpenSuse Leap 15.0 (kernel 4.12.14)
  - Kylin (ARM 64) (kernel 4.4.131)



<b>Version: v4.2</b>	<b>Build: 23091818</b>
<b>Release Date: Oct 13, 2023</b>	

### **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 4.x

### **New Features**

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

### **Enhancements**

N/A

### **Bugs Fixed**

- An issue of the setserial command 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)

OpenSuse Leap 15.0 (kernel 4.12.14)

Kylin (Arm 64) (kernel 4.4.131)



<b>Version: v4.1</b>	<b>Build: 21111116</b>
<b>Release Date: Nov 11, 2021</b>	

### 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)



<b>Version: v4.0</b>	<b>Build: 19061716</b>
<b>Release Date: Jun 17, 2019</b>	

### **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



<b>Version: v1.2</b>	<b>Build: Build 12071314</b>
<b>Release Date: Jan 18, 2019</b>	

### **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