



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

<b>Version: v5.2</b>	<b>Build: 23091818</b>
<b>Release Date: Oct 13, 2023</b>	

### Applicable Products

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 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 Industrial Linux 3.0 (Arm) (kernel 5.10.0)



<b>Version: v5.1</b>	<b>Build: 21111116</b>
<b>Release Date: Nov 11, 2021</b>	

### **Applicable Products**

UPort 1200/1400/1600 Series

### **Supported Operating Systems**

Linux Kernel 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)



<b>Version: v5.0</b>	<b>Build: 19061716</b>
<b>Release Date: Jun 17, 2019</b>	

### **Applicable Products**

UPort 1200/1400/1600 Series

### **Supported Operating Systems**

Linux Kernel 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