

ASM116x Series Linux F/W Update User Manual

Rev: 1.0

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Environmentally hazardous materials are not used in this product.

Revision History

Rev.	Date	Description
1.0	July 13, 2021	Formal release

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Scope:

Customers can update ASMedia's ASM116x on Linux platform.

Operation environment:

Linux / Ubuntu

Command line Operation

```
ASM116x Firmware Update Tool V1.0.0.1
Usage:[option]...
-U filename    Update firmware.
-E            Erase SPI.
-S            Display FW Version.
```

Execute those commands as below:

1. Update Firmware.

```
"sudo ./116xfwdl -u 00XX_YY.ROM"
```

00XX_YY.ROM is the Configured firmware binary file which is located in the same directory.

```
nacho@nacho-System-Product-Name:~/Desktop/116/116FWUpdate$ sudo ./116xfwdl -u 0018_FF.ROM

ASM116x Firmware Update Tool V1.0.0.1
Found 1 ASM deiceFind a SPI flash ROM, Capacity = 128 KbytesASM116UpdateSpiFlashRom: Chip Erase status = 0
ASM116UpdateSpiFlashRom: Blank Check status = 0
ASM116UpdateSpiFlashRom: Write Data status = 0
Update SPI flash ROM.....PASS!!!
```

Note: Please reboot OS after "-u" to reload binary.

2. Show firmware version..

```
"sudo ./116flash -s"
```

```
nacho@nacho-System-Product-Name:~/Desktop/116/116FWUpdate$ sudo ./116xfwdl -s

ASM116x Firmware Update Tool V1.0.0.1

Dev[0]::FWver from PCIe: 19 11 14 00 00 00
```