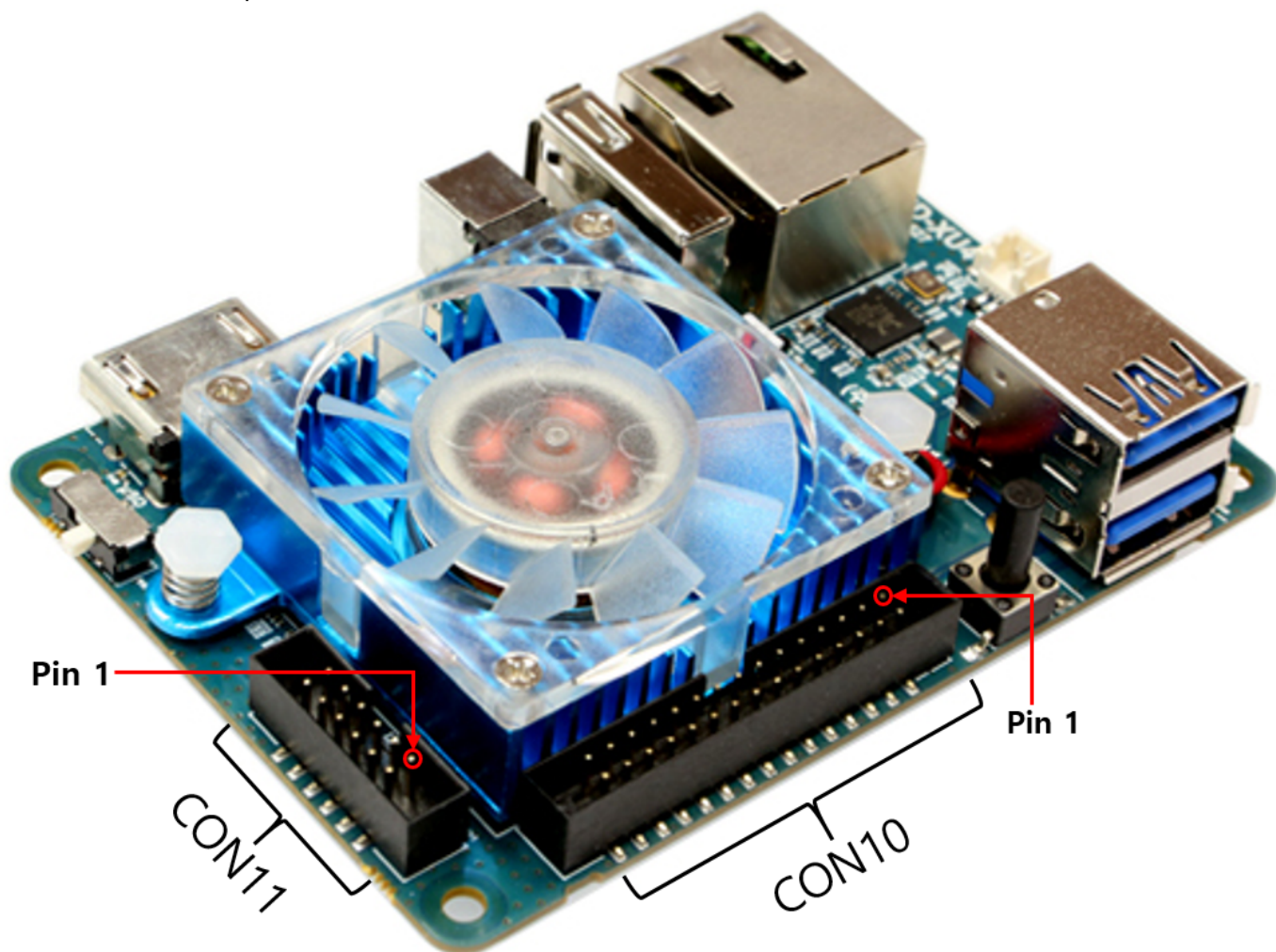


Enhancement of 30pin GPIO

The **ODROID-XU4** provides 30Pin GPIOs (CON 10).



You need to enter into super-user mode first to run below commands !!

```
sudo su
```

Easy to use GPIOs

First, you refer to below link.
You check Export number that you want to use GPIO.
[Pin description](#)

Create a GPIO file access.
You can access GPIOs using sysfs interface.

```
echo 29 > /sys/class/gpio/export
```

Configure the pin direction (in/out)

```
echo in > /sys/class/gpio/gpio29/direction
```

Read a value (if gpio direction is input)

```
cat /sys/class/gpio/gpio29/value
```

Write a value (if gpio direction is output)

```
echo 1 > /sys/class/gpio/gpio29/value : gpio high  
echo > /sys/class/gpio/gpio29/value : gpio low
```

From:

<http://wiki.odroid.com/> - **ODROID Wiki**

Permanent link:

http://wiki.odroid.com/odroid-xu4/application_note/gpio/enhancement_30pins

Last update: **2017/08/07 03:55**

