

# Thread I/O Unit

## I/O

- 3 x Input (each: Analog, Counter or Binary Level capable)
- 2 x Output (1x TTL, 1x Relay)
- 2 x Keys (User & Reset)
- 5 x Status Leds
- RPi pin header Interface

## Wireless PAN supported:

- Thread (used I IoT Factory)
- ZigBee
- Bluetooth Smart (BLE)

## Power Supply

- External 5VDC or via SBC pin header
- 3xAA (compartment on the back)



## MCU:

- nRF52840 (64 MHz Cortex-M4 with FPU)

## Memory:

- 256 KB RAM
- 1 MB Flash
- 2 MB Data FLASH (spi)

## Cabinet

- 3D printed prototype cabinet