

owa5x Platform

POWERFUL LINUX IoT GATEWAY TO PROCESS DATA COMING FROM WIRED AND WIRELESS SENSORS/DEVICES/PERIPHERALS.

FEATURES	owa547
Processor/MHz	Quad Core Cortex A53 64bits
Linux OS	Debian 11, Kernel 5.4.70
RAM	2GB LPDDR4
FLASH	NAND SLC 1GB
EMMC	8GB
TPM 2.0	YES
GNSS	YES
Global 4G cat 4	YES
DIGITAL I/O	12
ANALOG INPUTS ¹	4
ACCELEROMETER	3 axis
RS232	2
CAN FD 1	YES
CAN FD 2	YES
USB ⁴	YES
ETHERNET	100Base-T1 - M12 connector
FAKRA	YES
IP67	YES

OPTIONAL FEATURES	
CAN FD 3 ²	OPTIONAL
CAN FD 4	OPTIONAL
6 AXIS MEMS (ACC+GYRO)	OPTIONAL
RS485 ³	OPTIONAL
WIFI + BT5.0	OPTIONAL
OPTIONAL BATTERY 3350mAh	OPTIONAL
OPTIONAL BATTERY 13400mAh	OPTIONAL
MFF2 SIM CARD	OPTIONAL

Notes:

1. Analog input 1 is multiplexed with DIO1
2. CAN3 not compatible with DIO2 and DIO3.
3. RS485 is not compatible with 2nd RS232.
4. USB connector no external access.