




owa4X Variants

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

FEATURES	 owa41A	 owa43A	 owa44A
Processor/MHz	Cortex A8/800MHz	Cortex A8/800MHz	Cortex A8/800MHz
Linux (OS)	4.19.94 (Debian 10)	4.19.94 (Debian 10)	4.19.94 (Debian 10)
RAM	512MB DDR3 (Up to 1 GB)	512MB DDR3 (Up to 1 GB)	512MB DDR3 (Up to 1 GB)
FLASH	1GB NAND SLC (Up to 2 GB)	1GB NAND SLC (Up to 2 GB)	1GB NAND SLC (Up to 2 GB)
MICRO SD	YES	YES	YES
ACCELEROMETER	YES	YES	YES
GNSS	YES	YES	YES
GLOBAL LTE CAT 4	YES	YES	YES
DIGITAL I/O	10	10	6
ANALOG INPUTS ¹	4	4	4
IBUTTON ²	YES	YES	YES
RS232	3	3	2
RS485	NO	YES	YES
CAN	YES	YES	YES
CAN 2	NO	YES	YES
CAN 3 ³	NO	OPTIONAL	YES
CAN 4 ⁴	NO	OPTIONAL	YES
KLINE ⁵	YES	YES	YES
KLINE 2 ⁵	NO	OPTIONAL	YES
AUDIO CODEC	NO	OPTIONAL	YES
USB ⁷	NO	YES	YES
ETHERNET	YES	YES	YES
FAKRA	YES	YES	YES

OPTIONAL FEATURES			
TPM 2.0	OPTIONAL	OPTIONAL	OPTIONAL
9 AXIS MEMS (ACC+GYRO+MAG) ⁶	NO	OPTIONAL	OPTIONAL
USB 2 ⁷	NO	OPTIONAL	OPTIONAL
WIFI + BT4.2	NO	OPTIONAL	OPTIONAL
OPTIONAL BATTERY	OPTIONAL	OPTIONAL	OPTIONAL
LONG LIFE BATTERY	OPTIONAL	OPTIONAL	OPTIONAL
IP67 ⁷	OPTIONAL	OPTIONAL	OPTIONAL
MFF2 SIM CARD	OPTIONAL	OPTIONAL	OPTIONAL

Notes:

1. Analog input 1 is multiplexed with DIO1
2. iButton multiplexed with DIO6
3. CAN3 not compatible with DIO2 and DIO3.
4. CAN4 not compatible with DIO4 and DIO5 and 9 Axis MEMs.
5. Kline and RS485 cannot work at the same time (SW selected). Kline 2 is incompatible with RS232(1) and is multiplexed with DIO7
6. 9 Axis MEMS incompatible with CAN 4.
7. USB connector no external access with IP67 cover

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Subject to change without prior
notice

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