




owa4x Products

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	4.4.19	4.4.19	4.4.19
RAM	512MB DDR3	512MB DDR3	512MB DDR3
FLASH	1GB NAND SLC	1GB NAND SLC	1GB NAND SLC
MICRO SD	YES	YES	YES
ACCELEROMETER	YES	YES	YES
GPS	YES	YES	YES
3G HSPA	YES	YES	YES
DIGITAL I/O	10	10	6
ANALOG INPUTS ¹	4	4	4
ODOMETER	YES	YES	YES
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	NO	YES	YES
ETHERNET	YES	YES	YES
FAKRA	YES	YES	YES

OPTIONAL FEATURES			
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 ⁶	OPTIONAL	OPTIONAL	OPTIONAL
INTERNAL ANTENNAS	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