




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 |

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