

owa5X Variants

QUAD CORE OPEN LINUX IoT COMPUTER FOR THE MOST DEMANDING EDGE COMPUTING SOLUTIONS IN OFF-HIGHWAY ENVIRONMENTS

FEATURES	owa547
Processor/MHz	Quad Core Cortex A53 64bits
Linux OS	Debian 11, Kernel 5.10.72
RAM	2GB LPDDR4 (Up to 4 GB)
FLASH	NAND SLC 1GB
EMMC	8GB (Up to 32 GB)
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 SIC 1	YES
CAN-FD SIC 2	YES
USB ⁴	YES
ETHERNET (M12 connector)	10/100Base-T1 or 10/100Base-TX
FAKRA	YES
IP67/IP6K9K	YES

OPTIONAL FEATURES	
CAN-FD SIC 3 ²	OPTIONAL
CAN-FD SIC 4	OPTIONAL
6 AXIS MEMS (ACC+GYRO)	OPTIONAL
RS485 ³	OPTIONAL
WIFI + BT5.2	OPTIONAL
OPTIONAL BATTERY 3350mAh	OPTIONAL
OPTIONAL BATTERY 13400mAh	OPTIONAL
MFF2 SIM CARD	OPTIONAL
IBUTTON ⁵	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.
5. iButton not compatible with DIO6.