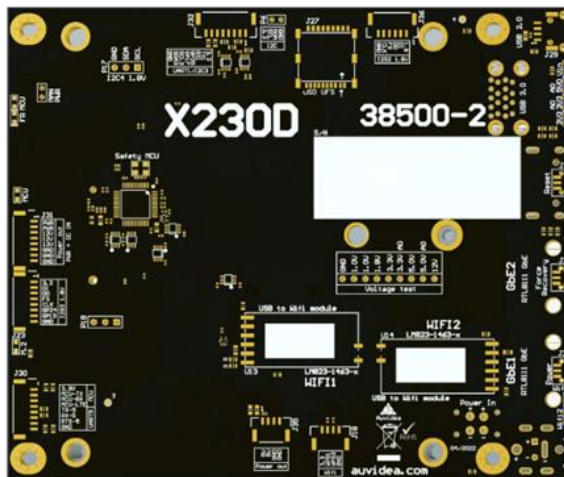
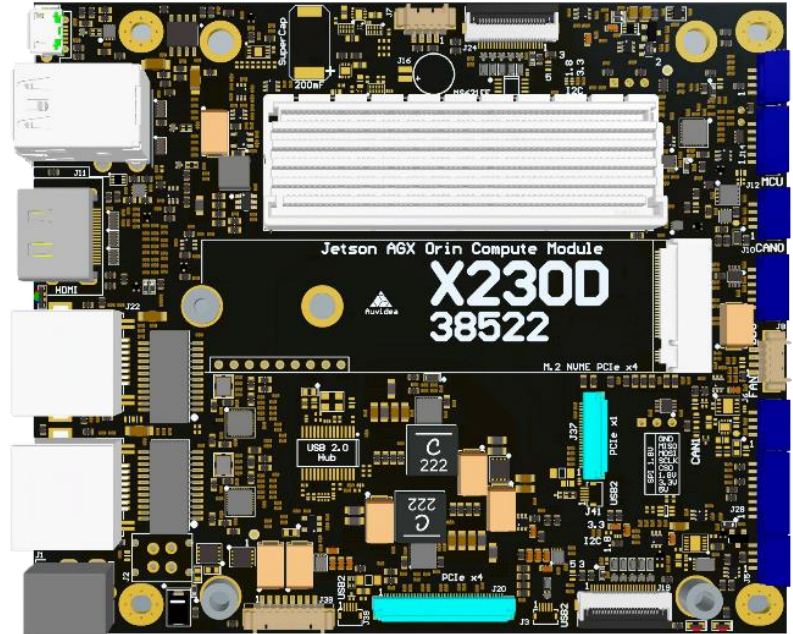


X230D for NVIDIA® Jetson AGX Orin™

This system lets you dive into AI with ease. It allows you to explore AI applications like people detection, face masking and more. The full suite of NVIDIA SDKs may be installed. The X230D features an industrial strength design and is commercially deployable in any volume.

Features:

- ▲ Easily migrate your exiting AGX Xavier platform based on X221(D) to the new AGX Orin
- ▲ Production volume is easily scalable as only components are used which are readily available
- ▲ Industry standard CSI-2 connectors to interface with:
 - ▶ RPi-camera modules
 - ▶ ArduCam, Vision Components, Framos, Basler, Allied Vision image sensors
 - ▶ FPD-Link III
- ▲ Crypto chip to protect your software investment
- ▲ Designed and manufactured in Germany



The standard version of the X230D is only populated on the top side (flat bottom)

Optionally fully populated versions with the interfaces on the bottom side and/or custom configurations may be available on request.

Technical Specifications

Description	X230D
Module compatibility	AGX Orin (config 2)
AGX Orin power modes	15W-60W
HDMI out	1x
USB 2.0	1x (micro, OTG)
USB 3.1	2x (type A)
GbE	2x RJ45 (RTL8111 PCIe to GbE)
PCIe x1	1x FPC 22 pin (J37)
PCIe x4	1x FPC 40 pin (J20)
M.2	1x Key M 2280 NVME (PCIe x4)
CAN	1x (with transceiver) 1x (RX/TX only)
UART	1x
I2C	2x
CSI-2	2x (4 lanes, 22 pin)
MCU	yes
Crypto chip	1x (ATSH204A)
Autoflashing	yes
Debug port	yes
Fan connector	1x (12V, PWM)
RGB LED	yes (GPIO controlled)
Operating Voltage	12-19V
RTC rechargeable lithium cell	optional (MS621FE)
Overvoltage protection	yes
Reverse voltage protection	yes
RTC supercap	200mF
Size	125x104.6mm

X230D

SKU	Part
70416	X230D carrier board

Specifications subject to change without notice. All trademarks are property of their respective holder.

