

889.00 EUR

incl. 19% VAT, plus [shipping](#)

- NVidia Orin NX !



**Support:**  [Specifications](#)

AVerMedia Engineering Kit D131LOX built with NVIDIA® Jetson Orin™ NX module, which brings next-level AI performance and power-efficient capability for all autonomous machines. This efficient SoM makes advanced analytics possible while providing the ability to handle a host of other embedded IoT applications.

- Supports Super Mode for Jetson Orin™ Nano
- 1 x 2 Lane MIPI CSI-2 Camera input
- 1 x M.2. E key 2230 for Wi-Fi (AC9260)
- 1 x M.2. M key 2280 for SSD (not included)
- 1 x GbE RJ-45 (Option PoE), 40-pin expansion header
- 4 x USB 3.2 Gen 1 Type A (Total Bandwidth: 5Gbps)
- 1 x 4Kp30 HDMI output for Orin Nano
- Operating temperature: 0°C ~ 65°C
- Dimension: 113mm(W) x 101.4mm(L) x 57.8mm(H)/Weight: 220g
- Support 24/7 secure remote monitoring, control, and OTA deployment empowered by Allxon

**Model**

**D131LOX**

**NVIDIA Jetson SoM**

**Jetson Orin NX**

<b>BSP</b>	<b>Applied to NVIDIA BSP directly*</b>
<b>Networking</b>	<b>1x GbE RJ-45 (PoE option)</b> <b>1x M.2. key E 2230 for Wi-Fi (AC9260)</b>
<b>Display Output</b>	<b>1x HDMI 3840 x 2160 at 30Hz for Orin Nano</b>
<b>Temperature</b>	<b>Operating temperature 0°C~65°C</b> <b>Storage temperature -40°C ~ 85°C</b> <b>Relative humidity 40 °C @ 95%, Non-Condensing</b>
<b>MIPI Camera Inputs</b>	<b>1x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector</b>
<b>USB</b>	<b>1x USB 2.0 Micro-B for recovery</b> <b>4 x USB 3.2 Gen 1 Type A (Total Bandwidth: 5Gbps)</b>
<b>Storage</b>	<b>1x M.2. key M 2280 for SSD</b>
<b>Expansion Header</b>	<b>40-pin: 1x UART, 2x SPI, 2x I2C, 1x I2S, 6x GPIOs</b> <b>1x OOB supported by Allxon</b>

**DC 9~24V**

**DC IN Jack on board: 7A~2.6A**

**Power requirement**

**ATX 4pin: 7A~2.6A**

**Thermal Solution**

**Fan**

**Buttons**

**Power and Recovery**

**113mm(W) x 101.4 mm(L) x 57.8 mm(H)**

**Dimensions**

**Weight: 220g**

**Certifications**

**CE, FCC, KC, UKCA**

**Package**

**1 x Carrier Board**

**1 x NVIDIA® Jetson Orin Nano module + Fan**

**WIFI KIT**

**PSE Board**

**APPRO IMX179 Camera module**

**Optional**

**256G SSD**

**12V Power Adapter**

**Power Cord**