



1539.00 EUR

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

- NVidia Jetson Orin NX !
- 16GB !

AVerMedia Engineering Kit D131 built with NVIDIA® Jetson Orin™ NX/ Xavier™ NX/ Nano™ Module. This efficient SoM makes advanced analytics possible while providing the ability to handle a host of other embedded IoT applications.

D131 is a ready-to-use product that integrates cameras, SSD, and thermal solutions to deliver an optimized user experience via its vertical mechanical design. The power input and expanded 40-pin are both designed at the bottom side to avoid cable interference. In addition, the capability of multi-camera support and its compact size design are also notable.

- 2 x 2 Lane MIPI CSI-2 Camera input/ 1 x 4 Lane MIPI CSI-2 Camera Input
- 2 x M.2. for Wi-Fi, SSD and Capture card
- 1 x GbE RJ-45 (Option PoE), 40-pin expansion header
- 4 x USB 3.1 Gen 1 and 1 x 4Kp60 HDMI output
- 1 x micro-SD card slot
- Operating temperature: 0°C ~ 60°C (TBD)
- Dimension: 157mm(W) x 105mm(L) x 85mm(H) with stand (without antenna)

Attention: WLAN not included!

**Model**  
**NVIDIA Jetson SoM**

**D131OXB / D131NXB / D131NOB**  
**Jetson Orin NX / Jetson Xavier™ NX / Jetson Nano**

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<b>Networking</b>	<b>1x GbE RJ-45 (PoE option)</b>
<b>Display Output</b>	<b>1x M.2. key E 2230 for Wi-Fi (Nano doesn't support) 1x HDMI 2.0 (3840 x 2160 at 60Hz) Operating temperature 0°C~60°C (TBD)</b>
<b>Temperature</b>	<b>Storage temperature -40°C ~ 85°C  Relative humidity 40 °C @ 95%, Non-Condensing</b>
<b>MIPI Camera Inputs</b>	<b>2x 2 lane MIPI CSI-2, 15 pin FPC 1mm Pitch Connector  1x 4 lane MIPI CSI-2, 36 pin FPC 0.5mm Pitch Connector</b>
<b>USB</b>	<b>1x USB 2.0 Micro-B for recovery  4x USB 3.1 Gen 1 Type A</b>
<b>Storage</b>	<b>1x M.2. key M 2280 for SSD  1x micro-SD card slot (Orin NX doesn't support)</b>
<b>Expansion Header</b>	<b>40-pin: 1x UART, 2x SPI, 2x I2C, 1x I2S, GPIOs  1x CAN</b>
<b>Input Power</b>	<b>DC in jack on board &amp; ATX 4-pin  12V/5A, 9V~24V is recommended</b>
<b>Power Cord</b>	<b>US/JP/EU/UK/TW/AU/CN</b>
<b>Thermal Solution</b>	<b>Fan</b>
<b>Buttons</b>	<b>Power and Recovery</b>
<b>RTC Battery</b>	<b>Support RTC Battery and Battery Life Monitoring by MCU</b>
<b>Dimensions</b>	<b>157mm(W) x 105mm(L) x 85mm(H) with stand (without antenna)</b>
<b>Certifications</b>	<b>CE, FCC, KC  1 x Carrier Board 1 x NVIDIA® Jetson module + Fan 1 x Stand</b>
<b>Package</b>	<b>1 x Power cord and Adapter set  1 x 256G SSD 2 x APPRO.PHO IMX179 Camera</b>