1319.00 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	**D131OXB / D131NXB / D131NOB**
NVIDIA Jetson SoM	**Jetson Orin NX / Jetson Xavier™ NX / Jetson Nano**

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