



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**  
**NVIDIA Jetson SoM**

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

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