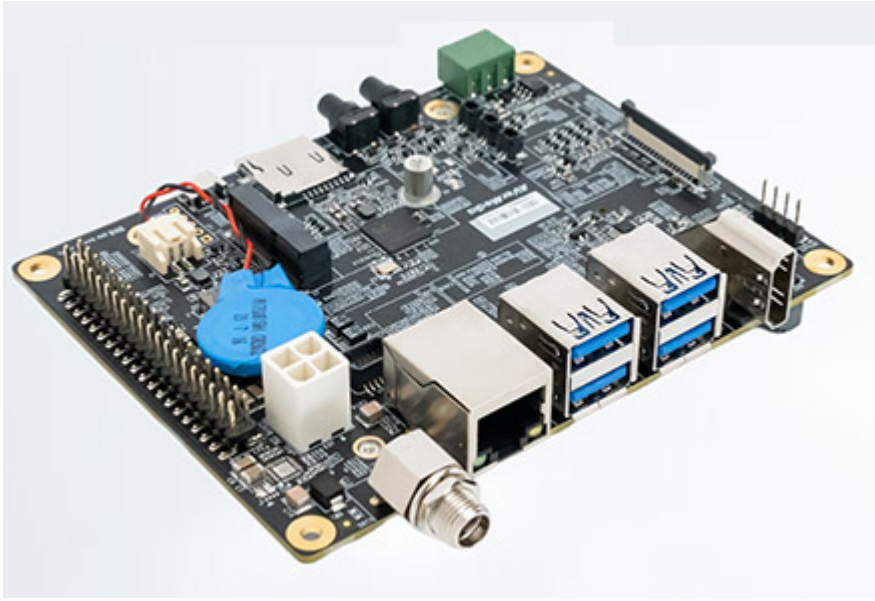




229.00 EUR  
incl. 19% VAT, plus [shipping](#)

- NVidia Jetson !
- Carrier Board !

AVerMedia's D131 Carrier board equips powerful NVIDIA® Jetson Orin NX/ Jetson Xavier™ NX/ Jetson Nano modules. This efficient system-on-module (SoM) opens new worlds of embedded IoT applications with full analytic capabilities.

AVerAI D131 is designed for the industry applications with spatial concern and feature a rich assortment of I/O ports for rapid AI-based solution development and seamless deployment as required by demanding business applications.

AVerMedia supports businesses of all sizes and offers customizable BSP services, flexible MoQ, in addition to NVIDIA's JetPack™ SDK.

- 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 ~ 70°C (TBD)
- Dimension: 113mm(W) x 105mm(L) x 28.53 mm(H)
- Weight: 95g

**Model  
Type  
NVIDIA Jetson SoM**

**D131  
Carrier Board  
Jetson Orin NX/ Xavier™ NX/ Nano module  
1x GbE RJ-45 (PoE option)**

**Networking**

**1xM.2. key E 2230 for wifi (Nano doesn't support)  
1x HDMI 2.0 (3840 x 2160 at 60Hz)**

**Display Output**

**Operating temperature 0°C~70°C (TBD)**

**Temperature**

**Storage temperature -40°C ~ 85°C**

**MIPI Camera Inputs**

**Relative humidity 40 °C @ 95%, Non-Condensing  
•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  
1x USB 2.0 Micro-B for recovery  
4x USB 3.1 Gen 1 Type A**

**USB**

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|                         |                                                                        |
|-------------------------|------------------------------------------------------------------------|
| <b>Storage</b>          | <b>1x M.2. key M 2280 for SSD</b>                                      |
|                         | <b>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</b><br><b>1x CAN</b> |
| <b>Input Power</b>      | <b>DC IN JACK on board &amp; ATX 4pin</b>                              |
| <b>Power Cord</b>       | <b>12V/5A, 9V~24V is recommended.</b>                                  |
| <b>Thermal Solution</b> | <b>US/JP/EU/UK/TW/CN/AU</b><br><b>Fan (optional)</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>113mm (W) x 105mm (L) x 28.53mm (H)</b>                             |
| <b>Certifications</b>   | <b>Weight: 95 g</b><br><b>CE, FCC, KC</b>                              |